

Form 5500

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security
Administration

Pension Benefit Guaranty Corporation

Annual Return/Report of Employee Benefit Plan

This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).

▶ Complete all entries in accordance with the instructions to the Form 5500.

OMB Nos. 1210-0110
1210-0089

2024

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

- A This return/report is for: [] a multiemployer plan [] a multiple-employer plan (Filers checking this box must provide participating employer information in accordance with the form instructions.) [x] a single-employer plan [] a DFE (specify) ____
B This return/report is: [] the first return/report [] the final return/report [] an amended return/report [] a short plan year return/report (less than 12 months)
C If the plan is a collectively-bargained plan, check here. []
D Check box if filing under: [x] Form 5558 [] automatic extension [] the DFVC program [] special extension (enter description)
E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. []

Part II Basic Plan Information—enter all requested information

1a Name of plan: PARK OHIO INDUSTRIES AND SUBSIDIARIES PENSION PLAN
1b Three-digit plan number (PN): 002
1c Effective date of plan: 12/01/1964
2a Plan sponsor's name (employer, if for a single-employer plan): PARK OHIO INDUSTRIES INC
2b Employer Identification Number (EIN): 34-6520107
2c Plan Sponsor's telephone number: 440-947-2000
2d Business code (see instructions): 339900

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

Table with 4 columns: SIGN HERE, Signature of plan administrator, Date, Enter name of individual signing as plan administrator. Includes rows for employer/plan sponsor and DFE.

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Form 5500 (2024) v. 240311

3a Plan administrator's name and address <input checked="" type="checkbox"/> Same as Plan Sponsor	3b Administrator's EIN	
	3c Administrator's telephone number	
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name	4b EIN	
	4d PN	
5 Total number of participants at the beginning of the plan year	5	5601
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits..... c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) g(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	6a(1)	2699
	6a(2)	1961
	6b	721
	6c	2421
	6d	5103
	6e	232
	6f	5335
	6g(1)	
6g(2)		
6h		209
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7	

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:
1A 1C 1E 3H

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:

9a Plan funding arrangement (check all that apply)	9b Plan benefit arrangement (check all that apply)
(1) <input checked="" type="checkbox"/> Insurance	(1) <input checked="" type="checkbox"/> Insurance
(2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts	(2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts
(3) <input checked="" type="checkbox"/> Trust	(3) <input checked="" type="checkbox"/> Trust
(4) <input type="checkbox"/> General assets of the sponsor	(4) <input type="checkbox"/> General assets of the sponsor

10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

- (1) **R** (Retirement Plan Information)
- (2) **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- (3) **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary
- (4) **DCG** (Individual Plan Information) – Number Attached _____
- (5) **MEP** (Multiple-Employer Retirement Plan Information)

b General Schedules

- (1) **H** (Financial Information)
- (2) **I** (Financial Information – Small Plan)
- (3) **A** (Insurance Information) – Number Attached 1
- (4) **C** (Service Provider Information)
- (5) **D** (DFE/Participating Plan Information)
- (6) **G** (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) Yes No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) Yes No

11c Enter the Receipt Confirmation Code for the 2024 Form M-1 annual report. If the plan was not required to file the 2024 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

<p>SCHEDULE A (Form 5500)</p> <p>Department of the Treasury Internal Revenue Service</p> <hr/> <p>Department of Labor Employee Benefits Security Administration</p> <hr/> <p>Pension Benefit Guaranty Corporation</p>	<p>Insurance Information</p> <p>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).</p> <p>▶ File as an attachment to Form 5500.</p> <p>▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).</p>	<p>OMB No. 1210-0110</p> <hr/> <p>2024</p> <hr/> <p>This Form is Open to Public Inspection</p>
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For calendar plan year 2024 or fiscal plan year beginning **01/01/2024** and ending **12/31/2024**

<p>A Name of plan PARK OHIO INDUSTRIES AND SUBSIDIARIES PENSION PLAN</p>	<p>B Three-digit plan number (PN) ▶</p>	<p>002</p>
<p>C Plan sponsor's name as shown on line 2a of Form 5500 PARK OHIO INDUSTRIES INC</p>	<p>D Employer Identification Number (EIN) 34-6520107</p>	

Part I Information Concerning Insurance Contract Coverage, Fees, and Commissions Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.

1 Coverage Information:

(a) Name of insurance carrier
EMPOWER ANNUITY INSURANCE COMPANY

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
06-1050034	93629	523439-E1	118	01/01/2024	12/31/2024

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid	(b) Total amount of fees paid
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3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

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(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

Part II	Investment and Annuity Contract Information	
	Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.	
4	Current value of plan's interest under this contract in the general account at year end	235963
5	Current value of plan's interest under this contract in separate accounts at year end.....	6803
6	Contracts With Allocated Funds:	
a	State the basis of premium rates ▶	
b	Premiums paid to carrier	6b
c	Premiums due but unpaid at the end of the year	6c
d	If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount. Specify nature of costs ▶	6d
e	Type of contract: (1) <input type="checkbox"/> individual policies (2) <input type="checkbox"/> group deferred annuity (3) <input type="checkbox"/> other (specify) ▶	
f	If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ <input type="checkbox"/>	
7	Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)	
a	Type of contract: (1) <input type="checkbox"/> deposit administration (2) <input type="checkbox"/> immediate participation guarantee (3) <input type="checkbox"/> guaranteed investment (4) <input type="checkbox"/> other ▶	
b	Balance at the end of the previous year	7b 186281
c	Additions: (1) Contributions deposited during the year	7c(1) 625000
	(2) Dividends and credits.....	7c(2)
	(3) Interest credited during the year.....	7c(3) 2004
	(4) Transferred from separate account	7c(4)
	(5) Other (specify below)..... ▶ ADJUSTMENT	7c(5) -6607
	(6) Total additions	7c(6) 620397
d	Total of balance and additions (add lines 7b and 7c(6))	7d 806678
e	Deductions:	
	(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1) 533999
	(2) Administration charge made by carrier.....	7e(2)
	(3) Transferred to separate account	7e(3)
	(4) Other (specify below)..... ▶ ADMINISTRATIVE EXPENSE	7e(4) 36716
(5) Total deductions	7e(5) 570715	
f	Balance at the end of the current year (subtract line 7e(5) from line 7d).....	7f 235963

Part III Welfare Benefit Contract Information
 If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- a** Health (other than dental or vision)
- b** Dental
- c** Vision
- d** Life insurance
- e** Temporary disability (accident and sickness)
- f** Long-term disability
- g** Supplemental unemployment
- h** Prescription drug
- i** Stop loss (large deductible)
- j** HMO contract
- k** PPO contract
- l** Indemnity contract
- m** Other (specify) ▶

9 Experience-rated contracts:

a	Premiums: (1) Amount received	9a(1)			
	(2) Increase (decrease) in amount due but unpaid	9a(2)			
	(3) Increase (decrease) in unearned premium reserve	9a(3)			
	(4) Earned ((1) + (2) - (3))		9a(4)		0
b	Benefit charges (1) Claims paid	9b(1)			
	(2) Increase (decrease) in claim reserves	9b(2)			
	(3) Incurred claims (add (1) and (2))		9b(3)		0
	(4) Claims charged		9b(4)		
c	Remainder of premium: (1) Retention charges (on an accrual basis) --				
	(A) Commissions	9c(1)(A)			
	(B) Administrative service or other fees	9c(1)(B)			
	(C) Other specific acquisition costs	9c(1)(C)			
	(D) Other expenses	9c(1)(D)			
	(E) Taxes	9c(1)(E)			
	(F) Charges for risks or other contingencies	9c(1)(F)			
	(G) Other retention charges	9c(1)(G)			
	(H) Total retention		9c(1)(H)		0
	(2) Dividends or retroactive rate refunds. (These amounts were <input type="checkbox"/> paid in cash, or <input type="checkbox"/> credited.)		9c(2)		
d	Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement		9d(1)		
	(2) Claim reserves		9d(2)		
	(3) Other reserves		9d(3)		
e	Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).)		9e		

10 Nonexperience-rated contracts:

a	Total premiums or subscription charges paid to carrier	10a		
b	If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount.	10b		

Specify nature of costs.

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? Yes No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

SCHEDULE SB (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF.	<small>OMB No. 1210-0110</small> 2024 This Form is Open to Public Inspection
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For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

▶ **Round off amounts to nearest dollar.**
 ▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan <u>PARK OHIO INDUSTRIES AND SUBSIDIARIES PENSION PLAN</u>	B Three-digit plan number (PN) ▶	<u>002</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>PARK OHIO INDUSTRIES INC</u>	D Employer Identification Number (EIN) <u>34-6520107</u>	
E Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B	F Prior year plan size: <input type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input checked="" type="checkbox"/> More than 500	

Part I Basic Information

1	Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2024</u>		
2	Assets:		
	a Market value	2a	<u>147959524</u>
	b Actuarial value	2b	<u>152100291</u>
3	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target
	a For retired participants and beneficiaries receiving payment	<u>946</u>	<u>34686236</u>
	b For terminated vested participants	<u>1987</u>	<u>11389630</u>
	c For active participants	<u>2699</u>	<u>26632408</u>
	d Total	<u>5632</u>	<u>72708274</u>
4	If the plan is in at-risk status, check the box and complete lines (a) and (b)..... <input type="checkbox"/>		
	a Funding target disregarding prescribed at-risk assumptions	4a	
	b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b	
5	Effective interest rate	5	<u>5.10 %</u>
6	Target normal cost		
	a Present value of current plan year accruals	6a	<u>3914542</u>
	b Expected plan-related expenses	6b	<u>774901</u>
	c Target normal cost	6c	<u>4689443</u>

Statement by Enrolled Actuary
 To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE			
	Signature of actuary	<u>10/09/2025</u>	Date
	<u>THOMAS A. POCCIA</u>	<u>23-08280</u>	Most recent enrollment number
	<u>WILLIS TOWERS WATSON US LLC</u>	<u>216-937-4000</u>	Telephone number (including area code)
	<u>1001 LAKESIDE AVENUE SUITE 1500 CLEVELAND, OH 44114-1172</u>		
	Address of the firm		

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions

Part II Beginning of Year Carryover and Prefunding Balances		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	28038043	105521
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9	Amount remaining (line 7 minus line 8)	28038043	105521
10	Interest on line 9 using prior year's actual return of <u>16.75</u> %	4696372	17675
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		0
	b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.16</u> %		0
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
	c Total available at beginning of current plan year to add to prefunding balance		0
	d Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	32734415	123196

Part III Funding Percentages			
14	Funding target attainment percentage	14	161.69 %
15	Adjusted funding target attainment percentage	15	206.25 %
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	204.96 %
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and Liquidity Shortfalls					
18 Contributions made to the plan for the plan year by employer(s) and employees:					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
Totals ▶			18(b)	0	18(c) 0

19	Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:	
	a Contributions allocated toward unpaid minimum required contributions from prior years	19a 0
	b Contributions made to avoid restrictions adjusted to valuation date	19b 0
	c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c 0
20	Quarterly contributions and liquidity shortfalls:	
	a Did the plan have a "funding shortfall" for the prior year?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner?	<input type="checkbox"/> Yes <input type="checkbox"/> No
	c If line 20a is "Yes," see instructions and complete the following table as applicable:	
Liquidity shortfall as of end of quarter of this plan year		
(1) 1st	(2) 2nd	(3) 3rd
(4) 4th		

Part V Assumptions Used to Determine Funding Target and Target Normal Cost				
21 Discount rate:				
a Segment rates:	1st segment: 4.75 %	2nd segment: 4.96 %	3rd segment: 5.59 %	<input type="checkbox"/> N/A, full yield curve used
b Applicable month (enter code)				21b 0
22 Weighted average retirement age				22 66
23 Mortality table(s) (see instructions)	<input type="checkbox"/> Prescribed - combined <input checked="" type="checkbox"/> Prescribed - separate <input type="checkbox"/> Substitute			

Part VI Miscellaneous Items				
24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment.....	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.....	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
26 Demographic and benefit information				
a Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.....	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
b Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment ...	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment.....				27

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years				
28 Unpaid minimum required contributions for all prior years				28 0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a).....				29 0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29).....				30 0

Part VIII Minimum Required Contribution For Current Year				
31 Target normal cost and excess assets (see instructions):				
a Target normal cost (line 6c)				31a 4689443
b Excess assets, if applicable, but not greater than line 31a				31b 4689443
32 Amortization installments:	Outstanding Balance		Installment	
a Net shortfall amortization installment	0		0	
b Waiver amortization installment.....	0		0	
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount				33
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33).....				34 0
	Carryover balance	Prefunding balance	Total balance	
35 Balances elected for use to offset funding requirement	0	0	0	
36 Additional cash requirement (line 34 minus line 35)				36 0
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)				37 0
38 Present value of excess contributions for current year (see instructions)				
a Total (excess, if any, of line 37 over line 36)				38a 0
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances.....				38b 0
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)				39 0
40 Unpaid minimum required contributions for all years				40 0

Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)				
41 If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. <input type="checkbox"/> 2019 <input type="checkbox"/> 2020 <input checked="" type="checkbox"/> 2021				

SCHEDULE C (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	<small>OMB No. 1210-0110</small> 2024 This Form is Open to Public Inspection.
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For calendar plan year 2024 or fiscal plan year beginning **01/01/2024** and ending **12/31/2024**

A Name of plan PARK OHIO INDUSTRIES AND SUBSIDIARIES PENSION PLAN	B Three-digit plan number (PN) ▶	002
C Plan sponsor's name as shown on line 2a of Form 5500 PARK OHIO INDUSTRIES INC	D Employer Identification Number (EIN) 34-6520107	

Part I Service Provider Information (see instructions)

You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)... Yes No

b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

ALLSPRING FUNDS MANAGEMENT

94-3382001

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

CARLYLE INVESTOR SERVICES

52-1988385

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

DODGE & COX FUNDS

94-1441976

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

EVANSTON CAPITAL MANAGEMENT, LLC

30-0046847

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

FIDELITY INVESTMENTS

04-2033129

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

GLASFUNDS, SPC

600 SUPERIOR AVENUE EAST
SUITE 1510
CLEVELAND, OH 44114

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

FEDERATED HERMES, INC.

1001 LIBERTY AVENUE
PITTSBURGH, PA 15222

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

INVESCO ADVISORS, INC.

58-1707262

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

PANTHEON VENTURES (US) L.P.

555 CALIFORNIA STREET
SUITE 3450
SAN FRANCISCO, CA 94104

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

WILLIS TOWERS WATSON US LLC

53-0181291

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
11 50	NONE	295407	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

(a) Enter name and EIN or address (see instructions)

CLEARSTEAD ADVISORS LLC

34-1597728

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	137290	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

(a) Enter name and EIN or address (see instructions)

GAMCO ASSET MANAGEMENT INC

13-4044521

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	106847	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

KEY BANK

34-6520107

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
19 50	CUSTODIAN	100357	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

(a) Enter name and EIN or address (see instructions)

CHARLES SCHWAB & CO., INC.

94-1737782

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
19 50	CUSTODIAN	87188	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

(a) Enter name and EIN or address (see instructions)

BOYD WATTERSON ASSET MGT LLC

34-1922005

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	54067	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

EMPOWER

06-1050034

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
19 50	CUSTODIAN	36716	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

(a) Enter name and EIN or address (see instructions)

US BANK NATIONAL ASSOCIATION

31-0841368

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
25 50	TRUSTEE	33638	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

(a) Enter name and EIN or address (see instructions)

BOBER MARKEY FEDOROVICH

34-1523030

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10 50	NONE	18000	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

SQUIRE PATTON BOGGS (US) LLP

34-0648199

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
29 51	NONE	8190	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

(a) Enter name and EIN or address (see instructions)

MARCELLA E. GRIFFIN

4829 SKYVIEW DRIVE
COOKEVILLE, TN 38501

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
15 38 50	NONE	5100	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)
(complete as many entries as needed)

a Name: PETER N. DORSEY	b EIN: 53-0181291
c Position: ENROLLED ACTUARY	
d Address: 1001 LAKESIDE AVENUE SUITE 1500 CLEVELAND, OH 44114-1172	e Telephone: 216-937-4000

Explanation: REASSIGNMENT OF WORK WITHIN WILLIS TOWERS WATSON

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

SCHEDULE D (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small>	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 <hr/> 2024 This Form is Open to Public Inspection.
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For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

A Name of plan <u>PARK OHIO INDUSTRIES AND SUBSIDIARIES PENSION PLAN</u>	B Three-digit plan number (PN)	<u>002</u>
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>PARK OHIO INDUSTRIES INC</u>	D Employer Identification Number (EIN) <u>34-6520107</u>	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE:	<u>LARGE CAP BLEND/MFS</u>	
b Name of sponsor of entity listed in (a):	<u>EMPOWER ANNUITY INSURANCE COMPANY</u>	
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
<u>06-1050034-177</u>	<u>P</u>	<u>6803</u>
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs, other than DCGs)

(Complete as many entries as needed to report all participating plans. DCGs must report each participating plan using Schedule DCG.)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	<small>OMB No. 1210-0110</small> 2024 This Form is Open to Public Inspection
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For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024	
A Name of plan PARK OHIO INDUSTRIES AND SUBSIDIARIES PENSION PLAN	B Three-digit plan number (PN) ▶ 002
C Plan sponsor's name as shown on line 2a of Form 5500 PARK OHIO INDUSTRIES INC	D Employer Identification Number (EIN) 34-6520107

Part I	Asset and Liability Statement
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1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

	(a) Beginning of Year	(b) End of Year
Assets		
a Total noninterest-bearing cash	1a	
b Receivables (less allowance for doubtful accounts):		
(1) Employer contributions	1b(1)	
(2) Participant contributions	1b(2)	
(3) Other	1b(3)	
c General investments:		
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)	406285
(2) U.S. Government securities	1c(2)	14733155
(3) Corporate debt instruments (other than employer securities):		
(A) Preferred	1c(3)(A)	
(B) All other	1c(3)(B)	10814769
(4) Corporate stocks (other than employer securities):		
(A) Preferred	1c(4)(A)	
(B) Common	1c(4)(B)	78683299
(5) Partnership/joint venture interests	1c(5)	14027494
(6) Real estate (other than employer real property)	1c(6)	
(7) Loans (other than to participants)	1c(7)	
(8) Participant loans	1c(8)	
(9) Value of interest in common/collective trusts	1c(9)	
(10) Value of interest in pooled separate accounts	1c(10)	6803
(11) Value of interest in master trust investment accounts	1c(11)	
(12) Value of interest in 103-12 investment entities	1c(12)	
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	6944631
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	235963
(15) Other.....	1c(15)	23946314

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities.....	1d(1)	0	8984261
(2) Employer real property.....	1d(2)		
e Buildings and other property used in plan operation.....	1e		
f Total assets (add all amounts in lines 1a through 1e).....	1f	151435544	158782974
Liabilities			
g Benefit claims payable.....	1g		
h Operating payables.....	1h		
i Acquisition indebtedness.....	1i		
j Other liabilities.....	1j	3771026	3032366
k Total liabilities (add all amounts in lines 1g through 1j).....	1k	3771026	3032366
Net Assets			
l Net assets (subtract line 1k from line 1f).....	1l	147664518	155750608

Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers.....	2a(1)(A)		
(B) Participants.....	2a(1)(B)		
(C) Others (including rollovers).....	2a(1)(C)		
(2) Noncash contributions.....	2a(2)		
(3) Total contributions. Add lines 2a(1)(A), (B), (C), and line 2a(2).....	2a(3)		0
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit).....	2b(1)(A)	23131	
(B) U.S. Government securities.....	2b(1)(B)	98229	
(C) Corporate debt instruments.....	2b(1)(C)	201966	
(D) Loans (other than to participants).....	2b(1)(D)		
(E) Participant loans.....	2b(1)(E)		
(F) Other.....	2b(1)(F)	2004	
(G) Total interest. Add lines 2b(1)(A) through (F).....	2b(1)(G)		325330
(2) Dividends:			
(A) Preferred stock.....	2b(2)(A)		
(B) Common stock.....	2b(2)(B)	502901	
(C) Registered investment company shares (e.g. mutual funds).....	2b(2)(C)	1483586	
(D) Total dividends. Add lines 2b(2)(A), (B), and (C).....	2b(2)(D)		1986487
(3) Rents.....	2b(3)		
(4) Net gain (loss) on sale of assets:			
(A) Aggregate proceeds.....	2b(4)(A)	12149989	
(B) Aggregate carrying amount (see instructions).....	2b(4)(B)	11070978	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result.....	2b(4)(C)		1079011
(5) Unrealized appreciation (depreciation) of assets:			
(A) Real estate.....	2b(5)(A)		
(B) Other.....	2b(5)(B)	1680187	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B).....	2b(5)(C)		

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		1123
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		7554673
c Other income	2c		4620909
d Total income. Add all income amounts in column (b) and enter total.....	2d		17247720

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers.....	2e(1)	7643939	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other.....	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		7643939
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions).....	2g		
h Interest expense.....	2h		
i Administrative expenses:			
(1) Salaries and allowances	2i(1)		
(2) Contract administrator fees	2i(2)		
(3) Recordkeeping fees	2i(3)	5100	
(4) IQPA audit fees	2i(4)	18000	
(5) Investment advisory and investment management fees	2i(5)	385392	
(6) Bank or trust company trustee/custodial fees	2i(6)	171385	
(7) Actuarial fees	2i(7)	295407	
(8) Legal fees	2i(8)	8190	
(9) Valuation/appraisal fees	2i(9)		
(10) Other trustee fees and expenses	2i(10)		
(11) Other expenses.....	2i(11)	634217	
(12) Total administrative expenses. Add lines 2i(1) through (11)	2i(12)		1517691
j Total expenses. Add all expense amounts in column (b) and enter total.....	2j		9161630

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d.....	2k		8086090
l Transfers of assets:			
(1) To this plan.....	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) Unmodified (2) Qualified (3) Disclaimer (4) Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) DOL Regulation 2520.103-8 (2) DOL Regulation 2520.103-12(d) (3) neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: **BOBER MARKEY FEDOROVICH**

(2) EIN: **34-1523030**

d The opinion of an independent qualified public accountant is **not attached** as part of Schedule H because:

(1) This form is filed for a CCT, PSA, DCG or MTIA. (2) It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l. DCGs do not complete lines 4e, 4f, 4k, 4l, and 5, and DCGs generally complete the rest of Part IV collectively for all plans in the DCG, except as otherwise provided (see instructions).

During the plan year:

	Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)		X	
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)		X	
e Was this plan covered by a fidelity bond?	X		6000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)	X		
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		X	
l Has the plan failed to provide any benefit when due under the plan?		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? Yes No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) Yes No Not determined

If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 557029.

SCHEDULE R (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	<small>OMB No. 1210-0110</small> 2024 This Form is Open to Public Inspection.
--	---	---

For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

A Name of plan <u>PARK OHIO INDUSTRIES AND SUBSIDIARIES PENSION PLAN</u>	B Three-digit plan number (PN) ▶	<u>002</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>PARK OHIO INDUSTRIES INC</u>	D Employer Identification Number (EIN) <u>34-6520107</u>	

Part I	Distributions
---------------	----------------------

All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....

1		0
---	--	---

2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits):
 EIN(s): 06-1050034 31-0966785

Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.

3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....

3		359
---	--	-----

Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)
----------------	---

4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? Yes No N/A
If the plan is a defined benefit plan, go to line 8.

5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. **Date:** Month _____ Day _____ Year _____
If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.

6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)	6a	
b Enter the amount contributed by the employer to the plan for this plan year	6b	
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....	6c	

If you completed line 6c, skip lines 8 and 9.

7 Will the minimum funding amount reported on line 6c be met by the funding deadline?..... Yes No N/A

8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? Yes No N/A

Part III	Amendments
-----------------	-------------------

9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box..... Increase Decrease Both No

Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.
----------------	---

10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan? Yes No

11 a Does the ESOP hold any preferred stock? Yes No

b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.) Yes No

12 Does the ESOP hold any stock that is not readily tradable on an established securities market? Yes No

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (measured in dollars). See instructions. Complete as many entries as needed to report all applicable employers.

a Name of contributing employer _____

b EIN _____ **c** Dollar amount contributed by employer _____

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: Hourly Weekly Unit of production Other (specify): _____

a Name of contributing employer _____

b EIN _____ **c** Dollar amount contributed by employer _____

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: Hourly Weekly Unit of production Other (specify): _____

a Name of contributing employer _____

b EIN _____ **c** Dollar amount contributed by employer _____

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: Hourly Weekly Unit of production Other (specify): _____

a Name of contributing employer _____

b EIN _____ **c** Dollar amount contributed by employer _____

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: Hourly Weekly Unit of production Other (specify): _____

a Name of contributing employer _____

b EIN _____ **c** Dollar amount contributed by employer _____

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: Hourly Weekly Unit of production Other (specify): _____

a Name of contributing employer _____

b EIN _____ **c** Dollar amount contributed by employer _____

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: Hourly Weekly Unit of production Other (specify): _____

14 Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:

a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: <input type="checkbox"/> last contributing employer <input type="checkbox"/> alternative <input type="checkbox"/> reasonable approximation (see instructions for required attachment).....	14a	
b The plan year immediately preceding the current plan year. <input type="checkbox"/> Check the box if the number reported is a change from what was previously reported (see instructions for required attachment).....	14b	
c The second preceding plan year. <input type="checkbox"/> Check the box if the number reported is a change from what was previously reported (see instructions for required attachment).....	14c	

15 Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year	15a	
b The corresponding number for the second preceding plan year	15b	

16 Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year	16a	
b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers.....	16b	

17 If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

18 If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment

19 If the total number of participants is 1,000 or more, complete lines (a) and (b):

a Enter the percentage of plan assets held as:
 Public Equity: 55.0 % Private Equity: 9.3 % Investment-Grade Debt and Interest Rate Hedging Assets: 15.3 %
 High-Yield Debt: 2.5 % Real Assets: 2.6 % Cash or Cash Equivalents: 3.2 % Other: 12.1 %

b Provide the average duration of the Investment-Grade Debt and Interest Rate Hedging Assets:
 0-5 years 5-10 years 10-15 years 15 years or more

20 PBGC missed contribution reporting requirements. If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.

a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? Yes No

b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:
 Yes.
 No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.
 No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.
 No. Other. Provide explanation.....

Part VII IRS Compliance Questions

21a Does the plan satisfy the coverage and nondiscrimination tests of Code sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules? Yes No

21b If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2).
 Design-based safe harbor method
 "Prior year" ADP test
 "Current year" ADP test
 N/A

22 If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter ___/___/___ (MM/DD/YYYY) and the Opinion Letter serial number _____.

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES
PENSION PLAN

FINANCIAL STATEMENTS

December 31, 2024 and 2023

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN

TABLE OF CONTENTS

	Page No.
INDEPENDENT AUDITORS' REPORT	1 – 3
FINANCIAL STATEMENTS	
Statements of Net Assets Available for Benefits at December 31, 2024 and 2023	4
Statement of Changes in Net Assets Available for Benefits For the Year Ended December 31, 2024	5
NOTES TO FINANCIAL STATEMENTS	6 – 18
SUPPLEMENTAL SCHEDULES	
Schedule H, Line 4i – Schedule of Assets (Held at End of Year)	19 – 23
Schedule H, Line 4j – Schedule of Reportable Transactions	24

INDEPENDENT AUDITORS' REPORT

To the Plan Administrative Committee and Participants
Park-Ohio Industries, Inc. and Subsidiaries Pension Plan
Cleveland, Ohio

Scope and Nature of the ERISA Section 103(a)(3)(C) Audits

We have performed audits of the accompanying financial statements of Park-Ohio Industries, Inc. and Subsidiaries Pension Plan ("the Plan"), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C). The financial statements comprise the statements of net assets available for benefits as of December 31, 2024 and 2023, and the related statement of changes in net assets available for benefits for the year ended December 31, 2024, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits of the Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audits need not extend to any statements or information related to assets held for investment of the plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained certifications from qualified institutions as of December 31, 2024 and 2023, and for the year ended December 31, 2024, stating that the certified investment information, as described in Note 4 to the financial statements, is complete and accurate.

Opinion

In our opinion, based on our audits and on the procedures performed as described in the Auditors' Responsibilities for the Audits of the Financial Statements section—

- the amounts and disclosures in the financial statements referred to above, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.
- the information in the financial statements referred to above related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audits of the Financial Statements section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. Management's election of the ERISA Section 103(a)(3)(C) audits does not affect management's responsibility for the financial statements.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for one year after the date the financial statements are available to be issued.

Management is also responsible for maintaining a current plan instrument, including all plan amendments; administering the plan; and determining that the plan's transactions that are presented and disclosed in the financial statements are in conformity with the plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditors' Responsibilities for the Audits of the Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audits section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with generally accepted auditing standards, we:

- Exercise professional judgment and maintain professional skepticism throughout the audits.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audits in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

Our audits did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of accounting principles generally accepted in the United States of America.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audits, significant audit findings, and certain internal control-related matters that we identified during the audits.

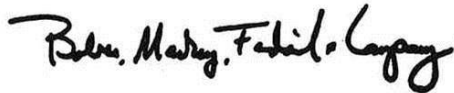
Supplemental Schedules Required by ERISA

The supplemental schedules of Schedule H, Line 4i – Schedule of Assets (Held at End of Year) and Schedule H, Line 4j – Schedule of Reportable Transactions as of December 31, 2024 are presented for purposes of additional analysis and are not a required part of the financial statements but are supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedules, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with generally accepted auditing standards. For information included in the supplemental schedules that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedules, we evaluated whether the supplemental schedules, other than the information agreed to or derived from the certified investment information, including their form and content, are presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion—

- the form and content of the supplemental schedules, other than the information in the supplemental schedules that agreed to or is derived from the certified investment information, is presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.
- the information in the supplemental schedules related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).



BOBER, MARKEY, FEDOROVICH & COMPANY
Cleveland, Ohio

October 15, 2025



PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
At December 31, 2024 and 2023

	December 31,	
	<u>2024</u>	<u>2023</u>
ASSETS		
Investments, at fair value	\$ 158,782,974	\$ 151,435,544
LIABILITIES		
Section 420 transfer	3,032,366	3,771,026
Net assets available for benefits	<u>\$ 155,750,608</u>	<u>\$ 147,664,518</u>

The accompanying notes are an integral part of these financial statements.

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
Year Ended December 31, 2024

ADDITIONS	
Interest and dividend income	\$ 5,542,227
Net appreciation in fair value of investments	11,705,493
Total additions	17,247,720
DEDUCTIONS	
Benefits paid to participants	7,643,939
Administrative expenses	1,517,691
Total deductions	9,161,630
Increase in net assets available for benefits	8,086,090
Net assets available for benefits:	
Beginning of year	147,664,518
End of year	\$ 155,750,608

The accompanying notes are an integral part of these financial statements.

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2024 and 2023

NOTE 1 – DESCRIPTION OF PLAN

General

The Park-Ohio Industries, Inc. and Subsidiaries Pension Plan (Plan) is a defined benefit plan that was formed through a series of plan mergers of affiliates or subsidiaries of Park-Ohio Industries, Inc. Participants should refer to the Plan document for a more complete description of the Plan's provisions.

On January 4, 1999, The Metalloy Corporation (Metalloy) was acquired by Park-Ohio Industries, Inc. (Park-Ohio or the Company). The Metalloy Corporation Employees' Defined Benefit Pension Trust (the Metalloy Plan) was a defined benefit plan established for the principal purpose of providing hourly employees of Metalloy with income upon retirement or disability.

Effective October 14, 1999, Park-Ohio merged the Revised Hourly Rate Pension Plan of Peotone Plant of Bennett Industries, Inc. (Bennett Plan) into the Metalloy Plan, with a retroactive effective date of January 1, 1999.

Effective September 26, 2003, the Metalloy Plan was frozen for all future benefit and services accruals.

Effective May 15, 2006, The Castle Rubber Company, a subsidiary of Park-Ohio Industries, Inc. Retirement Income Plan for Bargaining Unit Employees (the Castle Rubber Plan) and the RB&W Corporation Hourly Employees' Pension Plan (the RB&W Hourly Plan) merged with the Metalloy Plan, which was renamed the Park-Ohio Industries, Inc. and Subsidiaries Pension Plan.

Effective January 1, 2007, the RB&W Corporation Pension Plan for Contract Unit Employees at Cleveland, Ohio (RB&W Contract Unit Plan) was merged into the Plan.

Effective April 1, 2007, the Integrated Logistics Holding Corp. Pension Plan (Industrial Fasteners Plan) was merged into the Plan.

Effective October 1, 2009, the Non-Contributory Pension Plan for Local 91 Bargaining Unit Employees of The Ohio Crankshaft Divisions of Park-Ohio Industries, Inc. and Tocco, Inc. (OCCO Plan) was merged into the Plan.

In April 2011, the Company amended the Plan to cover most U.S. employees not covered by collective bargaining agreements in a cash balance account plan. Effective January 1, 2022, the plan was amended to include Autoform Tool & Manufacturing, LLC as a Participating Employer under the cash balance plan feature of the Plan.

Effective December 31, 2018, the Canton Drop Forge Pension Plan (CDF Plan) was merged into the Plan.

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2024 and 2023

Contributions

The Company makes contributions as deemed necessary on an actuarial basis (unit credit funding method) to provide the Plan with assets sufficient to meet the benefits to be paid to plan participants.

The contributions are generally designed to fund current service costs and to fund prior service costs over ten to thirty years. The Company was not required to make a contribution to meet the funding requirements of the Employee Retirement Income Security Act of 1974, as amended (ERISA) for the year ended December 31, 2024.

Pension Benefits

Former Metalloy Plan

Participants of the former Metalloy Plan are entitled to a monthly pension benefit beginning at normal retirement age (65), or at age 62 with twenty years credited service equal to the product of the participant's years of credited service times the established benefit multiplier at the retirement date. Reduced benefits are available for employees retiring at age 55 with five years of credited service. Accrued benefits are 100% vested after five years of service. On March 5, 2001, the Metalloy Plan was amended to increase the benefit unit to \$21.00 effective March 5, 2000, and a \$1.00 increase per year through March 3, 2003.

The normal form of retirement is a life annuity for unmarried participants and a qualified joint and 50.0% survivor annuity for married participants. Optional forms of benefit payments are: 1) period certain and life annuity, 2) a life only annuity, or 3) a 66.6% or 100.0% joint and survivor annuity.

Former Bennett Plan

Participants of the former Bennett Plan are entitled to a monthly pension benefit beginning at normal retirement age (65), or at age 60 with ten years of credited service equal to the participant's years of credited service times the established benefit multiplier at the retirement date. Reduced benefits are available for employees retiring at age 55 with ten years of credited service. Credit benefit service was frozen for participants of the former Bennett Plan at December 31, 1993.

Former Castle Rubber Plan

Participants of the former Castle Rubber Plan are entitled to a monthly pension benefit beginning at age 65. A participant's annual normal retirement benefit equals a fixed benefit unit multiplied by the number of years of credited service. The fixed dollar amount varies depending on the date of retirement. For retirements occurring after July 15, 2001, the fixed benefit unit was \$20.75 multiplied by the years of credited service. Future increases in the fixed benefit unit will occur in accordance with the former Castle Rubber Plan provisions. Additionally, participants of the former Castle Rubber Plan may receive disability and early retirement and a spouse's benefit for death prior to retirement. To be eligible for disability and early retirement

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2024 and 2023

benefits, participants must have completed ten and twenty years of credited service, respectively. In addition, participants must have attained age 55 to be eligible for early retirement benefits. Spousal benefits are available after participants have completed five years of credited service.

During 2002, The Castle Rubber Company was sold by Park-Ohio. As a result of the sale, the former Castle Rubber Plan was frozen, effective April 26, 2002, for all future benefit and service accruals.

Former RB&W Hourly Plan

Participants of the former RB&W Hourly Plan are entitled to a monthly pension benefit at age 65. A participant's annual normal retirement benefit is a fixed dollar amount multiplied by the number of years of credited service. The fixed dollar amount varies depending upon the date of retirement. Future increases in the fixed dollar amount occur in accordance with the former RB&W Hourly Plan provisions. Additionally, participants of the former RB&W Hourly Plan may receive disability and early retirement benefits and a spouse's benefit for death prior to retirement. To be eligible for disability benefits at the Kent, Ohio plant, participants must have completed ten years of credited service prior to the date they attain age 65.

Coraopolis, Rock Falls, and Chicago plant's participants must have completed fifteen years of credited service to be eligible for disability benefits. To be eligible for early retirement benefits at the Kent, Ohio and Chicago plants, participants must have completed ten years of credited service. Participants of the Coraopolis plant must have completed fifteen years, while participants of the Rock Falls plant must have completed thirty years of credited service to be eligible for early retirement. In addition, participants must have attained age 60 to be eligible for early retirement benefits. Spousal benefits are available after participants have completed five years of credited service.

During 2002, the Coraopolis facility was closed. As a result of the closure, the portion of the former RB&W Hourly Plan relating to the Coraopolis facility was frozen for all future benefit and service accruals.

Former RB&W Contract Unit Plan

Normal retirement occurs at age 65. A participant's annual, normal retirement benefit equals a fixed dollar amount multiplied by the number of years of credited service. The fixed dollar amount varies depending upon the date of retirement.

Additionally, the Plan provides disability and early retirement benefits and a spouse's benefit for death prior to retirement. To be eligible for disability and early retirement benefits, participants must have completed ten years of credited service for the Contract Unit Employees at Cleveland, Ohio and fifteen years of credited service for Port Chester retirees. In addition, participants must have attained age 60 to be eligible for early retirement benefits. Spousal benefits are available after participants have completed five years of credited service. Port Chester retirees are not eligible for disability or spousal benefits.

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2024 and 2023

Former Industrial Fasteners Plan

Normal retirement occurs at age 65. A participant's annual, normal retirement benefit equals the product of an established benefit multiplier at the retirement date times the average of the highest five consecutive calendar years of compensation. The fixed dollar amount varies depending upon the date of retirement. Additionally, the Plan provides disability and a spouse's benefit for death prior to retirement. The Plan does not provide for early retirement benefits.

Former OCCO Plan

Participants of the former OCCO Plan receive an unreduced normal pension after age 62, or after age 55 with the sum of age and years of credited benefit service at least equal to 85, or after age 50 with thirty years of credited benefit service. Otherwise, the employee receives his accrued normal retirement pension payable at age 65 or, alternatively, an immediate benefit reduced by 6/10% for each complete calendar month prior to age 65 but not under age 60, plus 4/10% for each completed calendar month prior to age 60 but not under age 55. Employees who retire after age 50 with at least thirty years of credited business service receive a temporary early retirement supplement to age 62, such that the total monthly benefit is \$1,000. At age 62, the benefit reverts to the normal retirement benefit.

Former CDF Plan

Participants of the former Canton Drop Forge are entitled to a monthly pension benefit beginning at normal retirement age (65), or at age 55 with 30 years of credited service equal to the participant's years of credited service, or at 60 with 25 years of credit service times the established benefit multiplier at the termination date. Reduced benefits are available for employees retiring at age 60 with 15 years of credited service. Additionally, the Plan provides disability and a spouse's benefit for death prior to retirement.

Cash Balance Account Plan Benefits

A participant's accrued benefit is defined as a notional cash balance account. Participant cash balance accounts are credited on an annual basis with amounts equal to 3.0% of their eligible earnings, as defined by the Plan. Additionally, interest is credited to participant cash balance accounts based on the balance at the beginning of each quarter. The rate at which interest is credited to the participant cash balance accounts is based on a one-year U.S. Treasury rate. The Plan has an interest crediting rate of not less than 3% and not more than 7% annually.

Disability Benefits

Participants who are eligible for social security disability benefits are eligible for disability retirement with full vesting of their accrued benefit, actuarially reduced if payments commence before their normal retirement date. The monthly disability benefit is determined by the greater of: 1) multiplying the years of credited service, up to a maximum of forty years, by the applicable benefit multiplier in effect as of the date of disability,

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2024 and 2023

reduced by any amount received from workers' compensation, or 2) the actuarial equivalent of the accrued benefit at the date of disability, payable until retirement, death, or recovery.

Plan Termination

While the Company has not expressed any intent to discontinue its contributions, it is free to do so, subject to the provisions of ERISA. In the event such discontinuance results in the termination of the Plan, its available net assets will be allocated to benefits as prescribed by ERISA, generally in the following order:

- a. Vested benefits currently payable.
- b. Vested benefits insured by the Pension Benefit Guaranty Corporation (PBGC), as discussed below.
- c. All other vested benefits.
- d. All nonvested benefits.

The PBGC guarantees most, but not all, vested retirement benefits and certain disability and survivor's pensions. However, there is a statutory limitation on the amount of an individual's monthly benefit that the PBGC guarantees. That limitation applies to those pensioners who elect to receive their benefits in the form of a single-life annuity and are at least 65 years old at the time of retirement or plan termination, whichever comes later. For younger annuitants or for those who elect to receive their benefits in some form other than a single-life annuity, the corresponding limitations are actuarially adjusted.

The extent to which participants receive their benefits if the Plan were to terminate at some future time would depend on the sufficiency, at that time, of the Plan's net assets to provide those benefits, and may also depend on the level of benefits guaranteed by the PBGC.

Administrative Expenses

The Plan incurs administrative expenses directly related to the Plan which consist primarily of trustee fees, investment consultation fees, actuarial fees, audit fees, and PBGC fees. These expenses are reported on the statement of changes in net assets available for benefits as administrative expenses. Expenses relating to purchases, sales, or transfers of the Plan's investments are charged to the particular investment trust to which the expenses relate.

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The accompanying financial statements have been prepared on the accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America ("U.S. GAAP").

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2024 and 2023

Investment Valuation and Income Recognition

The Plan's investments are stated at fair value. Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date (an exit price). See Note 5 for further discussion and disclosures related to fair value measurements.

Investment transactions are recorded as of the trade date. Dividends and interest are included in income when earned, based on the terms of the investments and the periods during which they are held by the Plan.

Actuarial Present Value of Accumulated Plan Benefits

Accumulated plan benefits (see Note 3) represent the actuarial present value of estimated future periodic payments, including lump-sum distributions, which are attributable under the Plan's provisions to services rendered by the employees to the valuation date. Accumulated plan benefits include benefits expected to be paid to 1) retired or terminated employees or their beneficiaries, and 2) present employees or their beneficiaries. Benefits for retired or terminated employees or their beneficiaries are based primarily on the employees' years of credited service. The accumulated plan benefits for active employees are based primarily on credited service rendered to the valuation date. Benefits payable under all circumstances – retirement, death, disability, and termination of employment – are included, to the extent they are deemed attributable to employee service rendered to the valuation date.

Use of Estimates

The preparation of financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes and supplemental schedule. Actual results could differ from those estimates.

Subsequent Events

The Plan Sponsor, Park-Ohio Industries, Inc., evaluated subsequent events of the Plan through October 15, 2025, the date these financial statements were available to be issued.

NOTE 3 – ACCUMULATED PLAN BENEFITS

Consulting actuaries estimate the actuarial present value of accumulated plan benefits, which is the amount that results from applying actuarial assumptions to adjust the accumulated plan benefits earned by the participants to reflect the time value of money (through discounts for interest) and the probability of payment (by means of decrements such as death, disability, withdrawal, or retirement) between the valuation date and the expected payment date.

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2024 and 2023

The actuarial present value of accumulated plan benefits at December 31, 2024 and 2023, is as follows:

	2024	2023
Vested benefits:		
Participants currently receiving benefits	\$ 28,509,826	\$ 28,013,794
Other participants	34,714,366	31,367,820
	63,224,192	59,381,614
Nonvested benefits	991,696	858,525
Total actuarial present value of accumulated plan benefits	\$ 64,215,888	\$ 60,240,139

A reconciliation of the changes in the actuarial present value of accumulated plan benefits is summarized as follows:

Actuarial present value of accumulated plan benefits at December 31, 2023	\$ 60,240,139
Increase (decrease) during the year attributable to:	
Benefits accumulated	3,264,337
Actuarial losses	1,084,162
Interest due to decrease in the discount period	4,628,533
Benefits paid	(7,562,949)
Assumption changes	2,561,666
Actuarial present value of accumulated plan benefits at December 31, 2024	\$ 64,215,888

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2024 and 2023

Significant assumptions underlying the actuarial valuations are as follows:

	Former Metalloy Plan	Former Castle Rubber Plan	Former RB&W Hourly Plan	Former RB&W Contract Unit Plan	Former Industrial Fasteners Plan	Former OCCO Plan	Former CDF Plan
Interest rate	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%	7.00%
Mortality	MP2021 – Headcount- Weighted Blue Collar Mortality Table (male and female)	MP2021 – Headcount- Weighted Blue Collar Mortality Table (male and female)	MP2021 – Headcount- Weighted Blue Collar Mortality Table (male and female)	MP2021 – Headcount- Weighted Blue Collar Mortality Table (male and female)	MP2021 – Headcount- Weighted Blue Collar Mortality Table (male and female)	MP2021 – Headcount- Weighted Blue Collar Mortality Table (male and female)	MP2021 – Headcount- Weighted Blue Collar Mortality Table (male and female)
Retirement age	Rates varying by age (age 55 – 70)	The assumed retirement age is 55 for deferred vested participants with 20 years of service; age 65 for all others.	Rates varying by age (age 60 – 65)	Age 65 with 5 years of service for Cleveland and 15 years of service for Port Chester	Age 65	Rates varying by age (age 55–66)	Rates varying by age (age 55–70)
Actuarial method	Projected Unit Credit Cost Method	Projected Unit Credit Cost Method	Projected Unit Credit Cost Method	Projected Unit Credit Cost Method	Projected Unit Credit Cost Method	Projected Unit Credit Cost Method	Projected Unit Credit Cost Method

The foregoing actuarial assumptions are based on the presumption that the Plan will continue. If the Plan were to terminate, different actuarial assumptions and other factors might be applicable in determining the actuarial present value of accumulated plan benefits.

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2024 and 2023

NOTE 4 – INVESTMENTS

Other than investments of \$0 and \$21,293,690 at December 31, 2024 and 2023, respectively, and the related interest and dividend income and net depreciation in fair value of investments of \$66,978 for the year ended December 31, 2024, were certified as complete and accurate by Charles Schwab Trust Bank, KeyBank National Association, Empower Trust Company, and U.S. Bank National Association. Such certified financial information includes investments held at December 31, 2024 and 2023, net appreciation (depreciation) in fair value of investments, and interest and dividend income for the year ended December 31, 2024.

NOTE 5 – FAIR VALUE MEASUREMENTS

Financial Accounting Standards Board Accounting Standards Codification (“ASC”) 820, *Fair Value Measurements and Disclosures*, establishes a framework for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy under ASC 820 are described below:

- Level 1 – Fair value is based on unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access at the measurement date.
- Level 2 – Fair value is based on quoted prices in markets that are not active, quoted prices for similar assets or liabilities in active markets, and inputs that are observable for the asset or liability either directly or indirectly, for substantially the full term of the asset or liability and inputs that are derived principally from or corroborated by observable market data by correlation or other means.
- Level 3 – Valuation inputs are unobservable and significant to the fair value measurement. These inputs may be used with internally developed methodologies that result in management’s best estimate.

The asset’s or liability’s fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement in its entirety.

Certain of the Plan’s assets (Growth and Income Separate Account) are invested in a deposit administration contract with an insurance company and are stated at fair value as determined by the net asset value thereof.

Hedge funds are valued at their net asset value as a practical expedient for fair value (“NAV”). NAV is based on the underlying assets and liabilities owned by the funds. Such funds are not reflected in the fair value hierarchy.

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2024 and 2023

Certain of the Plan's assets are placed in an Immediate Participation Guarantee Contract (unallocated insurance contract valued at contract value which approximates fair value) whereby they are invested in the general account of the insurance company. Periodically (each December 31st at a minimum), the insurance company adjusts the Immediate Participation Guarantee Contract to recognize funds deposited and paid out and to reflect the interest and capital gains and losses applicable to this contract for such year based on the insurance company's "experience rating plan" then in effect. At December 31, 2024 and 2023, fair value and contract value were equal. Any payments that are required to be made under this contract are made from the Immediate Participation Guarantee Contract. The insurance contract provides for various adjustments to rates upon termination.

Under this insurance contract, the Company can elect to transfer certain amounts from the Immediate Participation Guarantee Contract to the Growth and Income Separate Account, a pooled separate account maintained by the insurance company. Transfers to the Separate Account are accomplished by purchasing "Separate Account Units" at a cost per unit at the latest valuation of the Separate Account. "Separate Account Unit Values" are determined by the insurance company on specified valuation dates and will equal the fair value of the assets held in the Separate Account as of such valuation date divided by the number of "Separate Account Units" outstanding as of such valuation date.

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan believes its valuation method is appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at reporting date.

At December 31, 2024 and 2023, the Plan had no unfunded commitments related to collective trust funds. The redemption of common/collective trust funds is subject to the preference of the plan administrator.

Redemption of hedge fund investments is subject to timing restrictions of either the last day of the calendar quarter or semiannually as of June 30 and December 31 and are subject to 65 to 90 days prior written notice periods. The redemptions may be subject to certain fees.

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2024 and 2023

The following tables set forth the fair value of the Plan's investments by hierarchy:

	December 31, 2024			
	Level 1	Level 2	Level 3	Total
Common stock	\$ 30,573,619	\$ -	\$ -	\$ 30,573,619
Equity funds	52,379,155	-	-	52,379,155
Foreign stock	4,714,786	-	-	4,714,786
U.S. government obligation	8,953,719	-	-	8,953,719
Fixed income funds	6,944,631	-	-	6,944,631
Corporate bonds	10,814,769	-	-	10,814,769
Cash and cash equivalents	6,421,684	-	-	6,421,684
	<u>\$ 120,802,363</u>	<u>\$ -</u>	<u>\$ -</u>	<u>120,802,363</u>

Investments measured at NAV:

Common collective trust	6,803
Hedge funds	37,973,808
Total assets at fair value	<u>\$ 158,782,974</u>

	December 31, 2023			
	Level 1	Level 2	Level 3	Total
Common stock	\$ 22,367,665	\$ -	\$ -	\$ 22,367,665
Equity funds	58,301,962	-	-	58,301,962
Foreign stock	4,723,713	-	-	4,723,713
U.S. government obligation	9,269,438	-	-	9,269,438
Fixed income funds	2,968,167	-	-	2,968,167
Corporate bonds	11,876,557	-	-	11,876,557
Cash and cash equivalents	6,284,671	-	-	6,284,671
	<u>\$ 115,792,173</u>	<u>\$ -</u>	<u>\$ -</u>	<u>115,792,173</u>

Investments measured at NAV:

Common collective trust	5,680
Hedge funds	35,637,691
Total assets at fair value	<u>\$ 151,435,544</u>

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2024 and 2023

The net unrealized gain is included in the net gain from collective investment trusts on the accompanying Statement of Changes in Net Assets Available for Benefits. There were no transfers between hierarchy levels and there were no changes in valuation methodologies at December 31, 2024 and 2023 or for the year ended December 31, 2024.

NOTE 6 – PARTY-IN-INTEREST TRANSACTIONS

Party-in-interest transactions included the purchase and sale of certain investments through the Plan's custodians and trustees. These purchases and sales include securities which are managed by the Plan's custodians and trustees. Such transactions are exempt from being prohibited transactions.

NOTE 7 – INCOME TAX STATUS

The Company received a determination letter from the Internal Revenue Service ("IRS") dated January 11, 2021 stating that the Plan is qualified under Section 401(a) of the Code. The Plan administrator believes the Plan is being operated in compliance with the applicable requirements of the Code and, therefore, believes the Plan is qualified and the related trust is tax exempt as of December 31, 2024.

U.S. GAAP requires plan management to evaluate uncertain tax positions taken by the Plan. The financial statement effects of a tax position are recognized when the position is more likely than not, based on the technical merits, to be sustained upon examination by the IRS. The Plan administrator has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2024 and 2023, there are no uncertain positions taken or expected to be taken. The Plan has recognized no interest or penalties related to uncertain tax positions. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits in progress for any tax periods.

NOTE 8 – RISKS AND UNCERTAINTIES

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that the changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the Statements of Net Assets Available for Benefits.

Plan contributions are made and the actuarial present value of accumulated plan benefits are reported based on certain assumptions pertaining to interest rates, inflation rates, and employee demographics, all of which are subject to change. Due to uncertainties inherent in the estimation and assumption processes, it is at least

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2024 and 2023

reasonably possible that changes in these estimates and assumptions in the near term could materially affect the amounts reported and disclosed in the financial statements.

NOTE 9 – TRANSFER TO FUND POSTRETIREMENT BENEFIT PAYMENTS

During 2009, the Plan was amended to create a separate retiree medical benefits account as provided for in Section 401(h) of the Code and also to permit transfers of excess plan assets to be made to that account, as permitted under Section 420 of the Code. In 2021, the Plan was resolved to allow a transfer for the estimated retiree medical benefit expenses through December 31, 2030. The Plan approved a transfer of \$5,065,098 of excess plan assets to the separate retiree medical benefits account during December 2021. \$738,660 was transferred during the 2024 Plan year while \$687,221 was transferred during the 2023 Plan year.

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
EIN #38-1281105 Plan #002
Schedule H, Line 4i – Schedule of Assets
(Held at End of Year)
December 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Date of Interest, Collateral, Par, or Market Value	Cost	Current Value
	AES Corp	Common Stock	\$ 77,343	\$ 83,655
	AMC Networks	Common Stock	27,858	19,800
	Advance Auto Parts Inc	Common Stock	4,898	4,729
	American Assets Trust Inc	Common Stock	23,263	21,008
	American Express Co.	Common Stock	14,994	148,395
	Ametek Inc.	Common Stock	1,744	135,195
	Ampco - Pittsburg Corp	Common Stock	25,927	9,945
	Apa Corporation	Common Stock	103,536	80,815
	Archer Daniels Midland Co	Common Stock	7,846	20,208
	Atlanta Braves Holdings Inc.	Common Stock	405,512	612,367
	Bank of New York Mellon Corp	Common Stock	656,529	1,805,505
	Baxter International Inc.	Common Stock	78,248	58,320
	Blue Bird Corp	Common Stock	18,197	34,767
	Brown Forman Corp	Common Stock	85,535	244,985
	Cts Corp	Common Stock	32,697	221,466
	Campbell Soup Co	Common Stock	77,260	92,136
	Cavco Industrial	Common Stock	1,976	44,623
	Citigroup Inc	Common Stock	41,440	70,390
	Commercial Vehicle Group Inc	Common Stock	79,635	23,560
	Crane Company	Common Stock	40,357	333,850
	Curtiss Wright Corp	Common Stock	1,108	88,718
	Dana Incorporated	Common Stock	75,369	98,260
	Deere Co	Common Stock	6,276	338,960
	Donaldson Co.	Common Stock	11,813	134,700
	Ducommun Inc	Common Stock	224,929	254,640
	Eagle Bancorp Inc	Common Stock	10,139	10,412
	Echostar Corp	Common Stock	55,993	34,350
	Edgewell Personal Care Co	Common Stock	323,611	285,600
	Energizer Hldngs Inc.	Common Stock	244,554	244,230
	Enpro Inc	Common Stock	6,548	17,245
	Flowerserve Corp	Common Stock	35,594	333,616
	Fortune Brands Innovations Inc	Common Stock	12,146	116,161
	Fox Corp	Common Stock	446,009	503,094
	Freeport McMoran Inc	Common Stock	277,788	666,400
	G A T X Corp	Common Stock	195,228	805,792
	Genuine Parts Company	Common Stock	93,762	210,168
	Graco Inc	Common Stock	50,638	210,725
	Greif Inc Cl A	Common Stock	62,285	366,720
	Griffon Corp	Common Stock	8,885	71,270

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
EIN #38-1281105 Plan #002
Schedule H, Line 4i – Schedule of Assets
(Held at End of Year)
December 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Date of Interest, Collateral, Par, or Market Value	Cost	Current Value
	Halliburton Co	Common Stock	\$ 68,871	\$ 67,975
	Herc Holdings	Common Stock	89,388	511,191
	Honeywell International Inc.	Common Stock	29,761	225,890
	Iac Inc	Common Stock	536	17,256
	Hyster Yale Materials	Common Stock	91,240	106,953
	Ilt Corp New	Common Stock	71,675	357,200
	Idex Corp	Common Stock	1,648	62,787
	Innovex International Inc	Common Stock	156,780	100,584
	JP Morgan Chas Co	Common Stock	20,939	131,841
	Juniper Networks	Common Stock	44,417	44,940
	Lennar Corp	Common Stock	87,666	303,945
	MacYs Inc	Common Stock	28,517	25,395
	Madison Square Garden Sports Corp	Common Stock	63,348	677,040
	Madison Square Garden Entertainment	Common Stock	31,612	178,000
	Sphere Entertainment Co	Common Stock	27,258	201,600
	Matthews Intl Corp CI A	Common Stock	132,564	138,400
	Mondelez Intl Inc CI A	Common Stock	81,639	191,136
	Moog Inc CI A	Common Stock	44,059	275,576
	Morgan Stanley Com New	Common Stock	32,124	138,292
	Mueller Inds Inc	Common Stock	32,893	182,528
	Mueller Wtr Prod Inc	Common Stock	58,114	108,000
	National Fuel Gas Co NJ	Common Stock	443,738	546,120
	National Presto Inds Inc	Common Stock	48,307	59,052
	O Reilly Automative Inc	Common Stock	6,516	296,450
	PNC Financial Services Group Inc	Common Stock	79,869	347,130
	Txnm Energy Inc	Common Stock	32,900	59,004
*	Park Ohio Holdings Corp	Common Stock	9,999,992	8,984,261
	Pfizer Inc	Common Stock	220,211	212,240
	Rpc Energy Svcs Inc	Common Stock	67,290	50,490
	Republic Svcs Inc	Common Stock	57,342	603,540
	Rogers Corp	Common Stock	185,621	152,415
	Rollins Inc	Common Stock	1,916	101,970
	Ryman Hospitality Properties	Common Stock	35,374	156,510
	Ew Scripps Co	Common Stock	64,350	17,680
	Sinclair Broadcast Group Inc CI A	Common Stock	515,785	397,044
	Southwest Gas Holdings Inc	Common Stock	173,248	190,917
	State Street Corp	Common Stock	452,445	883,350
	Summit Materials Inc	Common Stock	203,270	202,400
	Sumodics Inc	Common Stock	75,825	71,280
	Tegna Inc	Common Stock	430,237	457,250
	Telephone and Data Systems Inc	Common Stock	208,237	562,815
	Textron Inc	Common Stock	330,633	627,218
	Tredegar Corp	Common Stock	398,314	295,680
	Trinity Inds Inc	Common Stock	35,973	70,200

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
EIN #38-1281105 Plan #002
Schedule H, Line 4i – Schedule of Assets
(Held at End of Year)
December 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Date of Interest, Collateral, Par, or Market Value	Cost	Current Value
	US Cellular Corp	Common Stock	\$ 244,235	\$ 407,680
	Paramount Global CI A	Common Stock	528,128	474,990
	Vulcan Matls Co Com	Common Stock	118,614	668,798
	Walgreens Boots Alliance Inc Com	Common Stock	40,173	23,325
	Warner Bros Discovery Inc Series A	Common Stock	165,617	142,695
	Watts Water Technologies CI A	Common Stock	7,600	81,320
	Wells Fargo Co New Com	Common Stock	270,298	491,680
	Xylem Inc Com	Common Stock	8,865	34,806
			\$ 20,593,442	\$ 30,573,619
	Dodge Cox International Stock Fd I	Equity Fund	\$ 3,127,983	\$ 5,059,446
	Federated Hermes Intl Equity Is	Equity Fund	4,000,000	3,321,401
	Nationwide International Small Cap	Equity Fund	4,252,867	4,013,403
	Harbor Capital Appreciation Fund	Equity Fund	14,965,549	24,129,548
	Federated Total Return Bond Fund - Inst Shares	Equity Fund	831,385	703,273
	Fidelity 500 Index Fund	Equity Fund	7,973,687	15,152,084
			\$ 35,151,471	\$ 52,379,155
	Iveco Group Nv	Foreign Stock	\$ 36,583	\$ 61,356
	Ollamani S A B	Foreign Stock	28,951	68,101
	Exor Nv	Foreign Stock	21,328	18,339
	Gam Holding Ag	Foreign Stock	41,740	1,935
	Johnson Ctls Intl Plc	Foreign Stock	86,999	284,148
	Liberty Global ltd	Foreign Stock	121,520	178,640
	Millicom Intl Cellular Sa	Foreign Stock	271,777	250,100
	CNH Industrial N V	Foreign Stock	349,280	589,160
	Algonquin Power Utilities	Foreign Stock	63,623	53,400
	Bce Inc	Foreign Stock	37,658	46,360
	Bausch Health Cos Inc	Foreign Stock	97,630	55,614
	Danone Spon ADR	Foreign Stock	32,095	40,170
	Diageo Plc	Foreign Stock	131,040	279,686
	Fomento Economico Mex Sp	Foreign Stock	46,469	85,490
	Grupo Televisa Sa	Foreign Stock	766,297	168,000
	Pernod Ricard	Foreign Stock	59,955	56,435
	Remy Cointreau	Foreign Stock	206,125	211,656
	Mandarin Oriental Intl Ltd	Foreign Stock	146,411	174,000
	Sony Group Corporation	Foreign Stock	193,827	1,146,872
	Sunrise Communications AG	Foreign Stock	109,764	120,624
	Telesat Corp CI A CI B Shrs	Foreign Stock	810,659	739,800

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
EIN #38-1281105 Plan #002
Schedule H, Line 4i – Schedule of Assets
(Held at End of Year)
December 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Date of Interest, Collateral, Par, or Market Value	Cost	Current Value
	Vodafone Group Plc	Foreign Stock	\$ 97,719	\$ 84,900
			\$ 3,757,450	\$ 4,714,786
	United States Treasury Bd 3.5% Due 2/15/2039	US Government Oblig	\$ 315,858	\$ 241,040
	United States Treasury Bd 3.875% Due 8/15/2040	US Government Oblig	964,489	719,888
	United States Treasury Bd 3.625% Due 2/15/2044	US Government Oblig	1,475,063	1,096,901
	United States Treasury Bd 2.875% Due 11/15/2046	US Government Oblig	937,245	570,303
	United States Treasury Bd 3.0% Due 2/15/2048	US Government Oblig	1,862,989	1,203,022
	United States Treasury Bd 2.0% Due 2/15/2050	US Government Oblig	1,918,058	1,016,173
	United States Treasury Bd 1.125% Due 8/15/2040	US Government Oblig	494,344	351,799
	United States Treasury Bd 2.25% Due 2/15/2052	US Government Oblig	971,943	718,394
	United States Treasury Bd 4.0% Due 11/15/2052	US Government Oblig	1,385,695	1,206,487
	United States Treasury Bd 4.0% Due 11/15/2042	US Government Oblig	774,980	764,813
	United States Treasury Bd 3.625% Due 5/15/2053	US Government Oblig	1,135,998	1,064,899
			\$ 12,236,662	\$ 8,953,719
	Cliffwater Corp Lndg I	Fixed Inc Mutual Fund	\$ 4,000,000	\$ 3,918,819
	Federated Hermes Tot Ret Bd Is	Fixed Inc Mutual Fund	3,534,433	3,025,812
			\$ 7,534,433	\$ 6,944,631
	AT&T Inc. 3.65% Due 6/1/2051	Corporate bond	\$ 377,814	\$ 268,367
	American Tower Corp 3.7% Due 10/15/2049	Corporate bond	282,834	202,751
	Apple Inc. 3.85% Due 5/4/2043	Corporate bond	309,714	269,211
	Bank Amer Corp 5.875% Due 2/7/2042	Corporate bond	269,792	255,599
	Burlington Northern Santa Fe 5.05% Due 3/1/2041	Corporate bond	332,290	283,707
	CMS Energy Corp 4.875% Due 3/1/2044	Corporate bond	154,663	155,719
	CVS Health Corp 4.78% Due 3/25/2038	Corporate bond	317,705	272,371
	Cisco Sys Inc. 5.9% Due 2/15/2039	Corporate bond	333,743	295,876
	Citigroup Inc. 5.875% Due 1/30/2042	Corporate bond	234,565	199,302
	Comcast Corp 4.7% Due 10/15/2048	Corporate bond	328,575	257,295
	Conocophillips Co. 4.3% Due 11/15/2044	Corporate bond	329,175	246,682
	Consolidated Edison Co NY 5.7% Due 6/15/2040	Corporate bond	244,977	226,278
	Crown Castle Inc. 3.25% Due 1/15/2051	Corporate bond	229,508	149,847
	Dollar General Corp 3.25% Due 4/3/2050	Corporate bond	275,481	198,515
	Dominion Resources, Inc. 5.95% Due 6/15/2035	Corporate bond	279,533	251,929
	Duke Energy Carolinas 3.75% Due 6/1/2045	Corporate bond	338,534	260,185
	Enterprise Prod Oper 4.9% Due 5/15/2046	Corporate bond	277,573	231,205
	Meta Platforms Inc. 5.6% Due 5/15/2053	Corporate bond	263,523	274,931
	Fedex Corp 5.25% Due 5/15/2050	Corporate bond	336,922	228,717
	Health Care REIT Inc. 5.125% Due 3/15/2043	Corporate bond	277,716	252,621
	Home Depot Inc. 5.875% Due 12/16/2036	Corporate bond	345,502	315,465
	JPMorgan Chase 6.4% Due 5/15/2038	Corporate bond	306,396	289,240
	KLA-Tencor Corp 3.3% Due 3/1/2050	Corporate bond	330,263	227,924

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
 EIN #38-1281105 Plan #002
 Schedule H, Line 4i – Schedule of Assets
 (Held at End of Year)
 December 31, 2024

(a)	(b)	(c)	(d)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Date of Interest, Collateral, Par, or Market Value	Cost	Current Value
	Kroger Company 4.65% Due 1/15/2048	Corporate bond	\$ 377,527	\$ 250,785
	Lowes Cos Inc. 5.625% Due 4/15/2053	Corporate bond	222,714	211,418
	Mastercard Incorp 3.65% Due 6/1/2049	Corporate bond	382,853	271,584
	McDonalds Corp 3.625% Due 5/4/2043	Corporate bond	272,197	233,127
	MidAmerican Energy Co 4.8% Due 9/15/2043	Corporate bond	179,532	157,129
	Morgan Stanley 6.375% Due 7/24/2042	Corporate bond	294,715	248,487
	Nasdaq 3.25% Due 4/28/2050	Corporate bond	242,315	187,216
	National Rural Utils Coop 4.3% Due 3/15/2049	Corporate bond	382,744	274,778
	Nike Inc. 3.375% Due 3/27/2050	Corporate bond	179,393	126,767
	Nvidia Corp 3.5% Due 4/1/2050	Corporate bond	282,535	185,772
	Oneok Inc. 4.25% Due 9/15/2046	Corporate bond	280,883	218,960
	Raymond James Finl 4.95% Due 7/15/2046	Corporate bond	292,061	246,832
	Regions Financial Corp 7.375% Due 12/10/2037	Corporate bond	276,208	218,402
	Southwestern Public Service 3.7% Due 8/15/2047	Corporate bond	347,028	257,872
	Starbucks Corp 4.5% Due 11/15/2048	Corporate bond	261,805	198,326
	Sysco Corp 3.3% Due 2/15/2020	Corporate bond	392,713	269,024
	T Mobile USA Inc. 4.375% Due 4/15/2040	Corporate bond	226,673	216,702
	Tyson Foods Inc. 5.1% Due 9/28/2048	Corporate bond	261,941	226,277
	Unitedhealth Group 4.45% Due 12/15/2048	Corporate bond	388,521	288,281
	Valero Energy Corp 4.9% Due 3/15/2045	Corporate bond	288,730	239,628
	Verisk Analytics Inc. 5.5% Due 6/15/2045	Corporate bond	273,038	197,700
	Wells Fargo & Co 4.4% Due 6/14/2046	Corporate bond	295,193	244,906
	Zoetis Inc. Sr. Nt. 4.7% Due 2/1/2043	Corporate bond	272,024	231,059
			<u>\$ 13,450,141</u>	<u>\$ 10,814,769</u>
	First Am Govt Ob Fd Cl Z	Cash and cash equivalents	\$ 5,488,130	\$ 5,488,130
	Federated Government Obligations Institutional	Cash and cash equivalents	291,306	291,306
	EB Short Term Investment Fund	Cash and cash equivalents	18,987	18,987
*	Schwab Bank Savings	Cash and cash equivalents	387,298	387,298
			<u>\$ 6,185,721</u>	<u>\$ 6,185,721</u>
*	Empower Retirement	Guaranteed Investment Contract	\$ 235,963	\$ 235,963
*	Empower Retirement	Blend/Victory Fund (SA-9V)	\$ 38	\$ 6,803
	Weatherlow Offshore Fd II CL IA	Hedge Fund	\$ 2,510,850	\$ 7,872,200
	Carlyle Global Infra Opp Fd LP	Hedge Fund	801,274	1,098,038
	Gabelli Assc Ltd II E Cl A Ser 0410	Hedge Fund	4,506,286	6,531,252
	Pantheon Access (Erisa) LP	Hedge Fund	4,504,737	6,398,204
	Glas Funds Spc	Hedge Fund	16,640,909	16,074,114
			<u>\$ 28,964,056</u>	<u>\$ 37,973,808</u>
	Total assets held for investment purposes		<u>\$ 128,109,377</u>	<u>\$ 158,782,974</u>

* Party in interest

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
 Schedule H, line 4j - Schedule of Reportable Transactions
 Year Ended December 31, 2024
 #38-1281105 Plan 002

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)
Identity of party involved	Description of asset	Purchase price	Selling price	Lease rental	Expense incurred with transaction	Cost of asset	Current value of asset on transaction date	Net gain/ (loss)

See pages 1-58 of the attached report from US Bank National Association and pages 59-61 of the attached report from Charles Schwab Trust Bank for the Transactions in Excess of Five Percent of Plan Assets.

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PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 374 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
BEGINNING MARKET VALUE							
					91,675,271.84		
COMPARATIVE VALUE (5%)							
CATEGORY 1 - SINGLE TRANSACTION EXCEEDS 5% OF VALUE							
Issue: 00900W621 - Invesco Oppenheimer Intl Growth R6							
08/21/2024	S	- 132,394.574	38.2500		5,064,092 *	4,816,323	247,769
001050976230							
Issue: 31846V567 - First Am Govt Ob Fd Cl Z							
08/22/2024	B	5,064,098.170	1.0000		- 5,064,098 *	5,064,098	
001050976230							
08/23/2024	S	- 5,099,992.280	1.0000		5,099,992 *	5,099,992	
001050976230							
GRAND TOTAL				0	15,228,182	14,980,413	247,769

CATEGORY 2 - SERIES OF TRANSACTIONS WITH SAME BROKER EXCEEDS 5% OF VALUE

Broker: Direct From Issuer

Issue: 97MSCSHY5 - Pantheon Access (Erisa) LP							
01/01/2024	S	-48,000.000	1.0000		48,000	48,033	- 33
001050976233							
Issue: 96MSC6BB1 - Carlyle Global Infra Opp Fd LP							
01/04/2024	B	23,684.000	1.0571		- 25,036	25,036	
001050976233							
Issue: 97MSCTKZ6 - The Weatherlow Offshore Fund II							
01/26/2024	S	- 513.921	1,945.8240		1,000,000	367,055	632,945
001050976230							

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PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 375 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
02/15/2024	Issue: 97MSCSHY5 - Pantheon Access (Erisa) LP B	186,000.000	1.0000		- 186,000	186,000	
	001050976233						
02/27/2024	Issue: 9SPMTJSV5 - Glas Funds Spc B	500,000.000	1.0000		- 500,000	500,000	
	001050976230						
03/25/2024	Issue: 9SPMTJSV5 - Glas Funds Spc B	500,000.000	1.0000		- 500,000	500,000	
	001050976230						
07/11/2024	Issue: 96MSC6BB1 - Carlyle Global Infra Opp Fd LP B	27,273.000	1.0000		- 27,273	27,273	
	001050976233						
07/29/2024	Issue: 97MSCTKZ6 - The Weatherflow Offshore Fund II S	- 1,429.735	2,098.2906		3,000,000	1,021,153	1,978,847
	001050976230						
09/03/2024	Issue: 97MSCSHY5 - Pantheon Access (Erisa) LP S	- 102,000.000	1.0000		102,000	102,000	
	001050976233						
09/30/2024	Issue: 97MSCSHY5 - Pantheon Access (Erisa) LP B	114,000.000	1.0000		- 114,000	114,000	
	001050976233						
10/18/2024	Issue: 96MSCWTA7 - Glasfunds Spc - Consolidated HF B	500,000.000	1.0000		- 500,000	500,000	
	001050976230						
11/22/2024	Issue: 9SPMTJSV5 - Glas Funds Spc B	500,000.000	1.0000		- 500,000	500,000	
	001050976230						
12/27/2024	Issue: 97MSCSHY5 - Pantheon Access (Erisa) LP S	- 30,000.000	1.0000		30,000	30,020	- 20
	001050976233						
Total For Direct From Issuer				0	6,532,309	3,920,570	2,611,739

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0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 376 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
Broker: Gabelli & Company, Inc.							
01/03/2024	S	- 200.000	187.2422	6	37,442	5,997	31,445
		Issue: 025816109 - American Express Co					
		001050976232					
01/03/2024	S	- 800.000	58.2014	24	46,537	7,108	39,429
		Issue: 398433102 - Griffon Corp					
		001050976232					
01/03/2024	S	- 200.000	63.9851	6	12,791	1,181	11,610
		Issue: 257651109 - Donaldson Co Inc					
		001050976232					
01/03/2024	S	- 400.000	45.7200	12	18,276	5,720	12,555
		Issue: 624756102 - Mueller Inds Inc					
		001050976232					
01/03/2024	S	- 200.000	83.8500	6	16,764	4,051	12,713
		Issue: 384109104 - Graco Inc					
		001050976232					
01/03/2024	S	- 800.000	7.6550	24	6,100	11,319	- 5,219
		Issue: 071734107 - Bausch Health Cos Inc					
		001050976232					
01/03/2024	S	- 500.000	13.1827	12	6,579	10,562	- 3,983
		Issue: 829242106 - Sinclair Broadcast Group Inc Cl A					
		001050976232					
01/03/2024	S	- 1,000.000	11.8801	30	11,850	6,717	5,133
		Issue: N20944109 - CNH Indl N V Shs					
		001050976232					
01/04/2024	B	1,000.000	34.9971	30	- 35,027	35,027	
		Issue: 13123X508 - Callon Petroleum Company					
		001050976232					
01/04/2024	S	- 2,000.000	22.0200	12	44,028	45,063	- 1,036
		Issue: 84612U107 - Sovos Brands Inc Com					
		001050976232					

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0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 377 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
01/08/2024	Issue: 05465P101 - Axonics Inc Com B	1,500.000	69.0000	12	- 103,512	103,512	
	001050976232						
01/17/2024	Issue: 398433102 - Griffon Corp S	- 700.000	57.6494	21	40,333	6,220	34,114
	001050976232						
01/17/2024	Issue: 624756102 - Mueller Inds Inc S	- 400.000	45.2528	12	18,089	5,720	12,369
	001050976232						
01/17/2024	Issue: 40049J206 - Grupo Televisa Sa Spon A D R B	3,500.000	2.6716	70	- 9,421	9,421	
	001050976232						
01/17/2024	Issue: 262037104 - Drill Quip Inc B	500.000	20.4870	15	- 10,259	10,259	
	001050976232						
01/17/2024	Issue: 14574X104 - Carrols Restaurant Group Inc B	15,000.000	9.4545	75	- 141,893	141,893	
	001050976232						
01/17/2024	Issue: 609207105 - Mondelez Intl Inc Cl A S	- 300.000	73.3255	12	21,985	7,654	14,332
	001050976232						
01/17/2024	Issue: 29355X107 - Enpro Inc S	- 200.000	142.8143	6	28,557	13,097	15,460
	001050976232						
01/17/2024	Issue: N20944109 - CNH Intl N V Shs S	- 1,000.000	11.4320	30	11,402	6,717	4,685
	001050976232						
01/17/2024	Issue: 45073V108 - Ift Corp New S	- 200.000	117.4150	6	23,477	5,734	17,743
	001050976232						
01/17/2024	Issue: 98419M100 - Xylem Inc Com S	- 200.000	110.0067	6	21,995	5,910	16,085
	001050976232						

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PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 378 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
01/18/2024	Issue: 29355X107 - Enpro Inc S	- 200.000	150.5648	6	30,107	13,097	17,010
	001050976232						
01/19/2024	Issue: 483548103 - Kaman Corp S	- 300.000	45.1596	9	13,539	9,433	4,106
	001050976232						
01/19/2024	Issue: 14574X104 - Carrols Restaurant Group Inc B	5,000.000	9.4016	25	- 47,033	47,033	
	001050976232						
01/31/2024	Issue: 244199105 - Deere Co S	- 100.000	397.4317	3	39,740	785	38,955
	001050976232						
01/31/2024	Issue: 398433102 - Griffon Corp S	- 500.000	59.4510	15	29,710	4,443	25,268
	001050976232						
01/31/2024	Issue: 624756102 - Mueller Inds Inc S	- 700.000	49.4878	21	34,620	10,011	24,609
	001050976232						
01/31/2024	Issue: 40049J206 - Grupo Televisa Sa Spon A D R B	1,500.000	3.1000	30	- 4,680	4,680	
	001050976232						
01/31/2024	Issue: 35671D857 - Freeport McMoran Inc S	- 900.000	40.8000	27	36,693	14,286	22,406
	001050976232						
01/31/2024	Issue: 384109104 - Graco Inc S	- 400.000	86.8400	12	34,724	8,102	26,622
	001050976232						
01/31/2024	Issue: 14574X104 - Carrols Restaurant Group Inc B	6,000.000	9.4100	30	- 56,490	56,490	
	001050976232						
01/31/2024	Issue: 879512309 - Telesat Corp Cl A Cl B Shs B	400.000	9.9800	12	- 4,004	4,004	
	001050976232						

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PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 379 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
01/31/2024	Issue: 29355X107 - Enpro Inc S	- 300.000	154.2985	9	46,280	19,645	26,635
	001050976232						
02/01/2024	Issue: 879512309 - Telesat Corp Cl A Cl B Shs B	1,600.000	9.9800	32	- 16,000	16,000	
	001050976232						
02/08/2024	Issue: 48203R104 - Juniper Networks Inc B	700.000	36.9013	21	- 25,852	25,852	
	001050976232						
02/12/2024	Issue: 025816109 - American Express Co S	- 300.000	212.7200	10	63,806	8,996	54,810
	001050976232						
02/12/2024	Issue: 257651109 - Donaldson Co Inc S	- 300.000	67.3700	9	20,202	1,772	18,430
	001050976232						
02/12/2024	Issue: 934423104 - Warner Bros Discovery Inc Series A B	1,100.000	9.5859	22	- 10,566	10,566	
	001050976232						
02/12/2024	Issue: 48203R104 - Juniper Networks Inc B	2,300.000	37.0100	69	- 85,192	85,192	
	001050976232						
02/12/2024	Issue: 29272W109 - Energizer Hldgs Inc B	700.000	32.0167	21	- 22,433	22,433	
	001050976232						
02/13/2024	Issue: 262037104 - Drill Quip Inc B	1,500.000	20.4157	45	- 30,669	30,669	
	001050976232						
02/13/2024	Issue: 14574X104 - Carrols Restaurant Group Inc B	14,000.000	9.4200	70	- 131,950	131,950	
	001050976232						
02/16/2024	Issue: 929160109 - Vulcan Matls Co Com S	- 200.000	256.6298	6	51,320	9,124	42,195
	001050976232						

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 380 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
02/29/2024	Issue: 87901J105 - Tegna Inc B	1,000.000	13.5121	30	- 13,542	13,542	
	001050976232						
03/18/2024	Issue: 829242106 - Sinclair Broadcast Group Inc Cl A B	500.000	12.6340	12	- 6,329	6,329	
	001050976232						
03/18/2024	Issue: G61188101 - Liberty Global Ltd B	3,500.000	16.7092	70	- 58,552	58,552	
	001050976232						
03/18/2024	Issue: G61188127 - Liberty Global Ltd S	-2,000.000	17.4200	40	34,800	3,493	31,307
	001050976232						
03/18/2024	Issue: 278768106 - EchoStar Corp A S	- 807.000	13.1900	16	10,628	30,124	- 19,496
	001050976232						
03/20/2024	Issue: 40049J206 - Grupo Televisa Sa Spon A D R B	5,000.000	2.8656	100	- 14,428	14,428	
	001050976232						
03/20/2024	Issue: 92858V101 - Vizio Hldg Corp Cl A Com B	15,000.000	11.0467	450	- 166,151	166,151	
	001050976232						
03/20/2024	Issue: 278768106 - EchoStar Corp A S	- 1,500.000	12.8683	30	19,272	55,993	- 36,721
	001050976232						
03/21/2024	Issue: 058498106 - Ball Corp S	- 1,000.000	65.6352	31	65,605	45,120	20,485
	001050976232						
03/21/2024	Issue: 717081103 - Pfizer Inc B	1,500.000	27.7934	45	- 41,735	41,735	
	001050976232						
03/21/2024	Issue: 624756102 - Mueller Inds Inc S	- 500.000	53.6067	15	26,788	7,151	19,638
	001050976232						

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 381 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
03/21/2024	Issue: 775133101 - Rogers Corp B 001050976232	100.000	118.8800	3	- 11,891	11,891	
03/21/2024	Issue: G61188101 - Liberty Global Ltd B 001050976232	5,000.000	17.1833	100	- 86,017	86,017	
03/21/2024	Issue: 29272W109 - Energizer Hldgs Inc B 001050976232	1,500.000	28.1732	45	- 42,305	42,305	
03/22/2024	Issue: 775133101 - Rogers Corp B 001050976232	200.000	118.0000	6	- 23,606	23,606	
03/25/2024	Issue: 883203101 - Textron Inc S 001050976232	- 300.000	95.6829	9	28,696	12,096	16,599
03/25/2024	Issue: 894650100 - Tredegar Corp B 001050976232	2,000.000	6.0532	60	- 12,166	12,166	
03/25/2024	Issue: 949746101 - Wells Fargo Co New Com S 001050976232	- 600.000	57.1000	18	34,242	23,168	11,073
03/25/2024	Issue: 931427108 - Walgreens Boots Alliance Inc Com B 001050976232	400.000	20.6900	12	- 8,288	8,288	
03/25/2024	Issue: 095306106 - Blue Bird Corp S 001050976232	- 300.000	36.3300	12	10,887	6,066	4,821
03/25/2024	Issue: 42704L104 - Herc Holdings Inc S 001050976232	- 300.000	165.5462	9	49,654	9,932	39,722
03/28/2024	Issue: 025816109 - American Express Co S 001050976232	- 300.000	227.4400	10	68,222	8,996	59,226

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 382 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
03/28/2024	Issue: 40049J206 - Grupo Televisa Sa Spon A D R B 001050976232	5,000.000 - 700.000	3.1745 45.8500	100 21	- 15,973 32,074	15,973 22,009	
03/28/2024	Issue: 483548103 - Kaman Corp S 001050976232	- 700.000	57.6300	46	86,399	57,921	10,065
03/28/2024	Issue: 949746101 - Wells Fargo Co New Com S 001050976232	- 1,500.000	38.1145	14	26,666	14,153	28,478
03/28/2024	Issue: 095306106 - Blue Bird Corp S 001050976232	- 700.000	167.4183	6	33,477	13,097	20,381
03/28/2024	Issue: 29355X107 - Enpro Inc S 001050976232	- 200.000	395.3672	12	19,756	988	18,768
03/28/2024	Issue: 149568107 - Cavco Industrial Inc S 001050976232	- 50.000	170.1128	16	85,041	16,553	68,487
03/28/2024	Issue: 42704L104 - Herc Holdings Inc S 001050976232	- 500.000	83.9100	15	- 41,970	41,970	
04/01/2024	Issue: 637215104 - National Presto Inds Inc B 001050976232	500.000	47.5400	18	28,506	9,524	18,982
04/01/2024	Issue: 35671D857 - Freeport McMoran Inc S 001050976232	- 600.000	190.6000	13	76,227	7,646	68,582
04/01/2024	Issue: 760759100 - Republic Svcs Inc S 001050976232	- 400.000	64.5000	9	19,341	13,034	6,307
04/01/2024	Issue: 449172105 - Hyster Yale Inc S 001050976232	- 300.000					

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 383 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
04/01/2024	Issue: 55616P104 - MacYs Inc B 001050976232	500.000	19.7800	15	- 9,905	9,905	
04/01/2024	Issue: 526057302 - Lennar Corp Cl B S 001050976232	- 400.000	153.0250	12	61,198	15,246	45,951
04/01/2024	Issue: 42704L104 - Herc Holdings Inc S 001050976232	- 500.000	167.6180	16	83,793	16,553	67,240
04/02/2024	Issue: 032037103 - Ampco-Pittsburg Corp B 001050976232	323.000	2.1443	6	- 699	699	
04/03/2024	Issue: 829242106 - Sinclair Broadcast Group Inc Cl A S 001050976232	- 500.000	12.8482	12	6,412	10,483	- 4,071
04/05/2024	Issue: G61188101 - Liberty Global Ltd B 001050976232	4,000.000	16.6756	80	- 66,782	66,782	
04/08/2024	Issue: 264147109 - Ducommun Inc B 001050976232	4,000.000	56.2022	120	- 224,929	224,929	
04/09/2024	Issue: 35671D857 - Freeport McMoran Inc S 001050976232	- 400.000	51.3483	12	20,527	6,349	14,178
04/10/2024	Issue: 637215104 - National Presto Inds Inc B 001050976232	300.000	79.3902	9	- 23,826	23,826	
04/10/2024	Issue: 449172105 - Hyster Yale Inc S 001050976232	- 300.000	63.2000	9	18,951	13,034	5,917
04/10/2024	Issue: 92858V101 - Vizio Hldg Corp Cl A Com B 001050976232	2,500.000	10.8000	75	- 27,075	27,075	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 384 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
04/10/2024	Issue: 526057302 - Lennar Corp Cl B S 001050976232	- 300.000	145.5886	9	43,667	11,435	32,233
04/10/2024	Issue: 42704L104 - Herc Holdings Inc S 001050976232	- 300.000	162.0000	9	48,591	9,932	38,659
04/10/2024	Issue: G51502105 - Johnson Ctis Intl Plc Shs S 001050976232	- 400.000	64.8500	12	25,928	9,667	16,261
04/11/2024	Issue: 894650100 - Tredegar Corp B 001050976232	3,500.000	6.3902	105	- 22,471	22,471	
04/12/2024	Issue: 894650100 - Tredegar Corp B 001050976232	2,500.000	6.3831	75	- 16,033	16,033	
04/12/2024	Issue: 35671D857 - Freeport McMoran Inc S 001050976232	- 400.000	51.4417	12	20,565	6,349	14,215
04/15/2024	Issue: 637215104 - National Presto Inds Inc B 001050976232	200.000	79.2276	6	- 15,852	15,852	
04/15/2024	Issue: 83303Y105 - Snap One Holdings Corp Com B 001050976232	27,000.000	10.5978	135	- 286,276	286,276	
04/16/2024	Issue: 483548103 - Kaman Corp S 001050976232	- 1,000.000	45.8744	30	45,844	31,442	14,402
04/22/2024	Issue: 624756102 - Mueller Inds Inc S 001050976232	- 300.000	53.0646	9	15,910	4,290	11,620
04/23/2024	Issue: 624756102 - Mueller Inds Inc S 001050976232	- 300.000	57.0678	9	17,111	4,290	12,821

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 385 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
04/24/2024	Issue: 624756102 - Mueller Inds Inc S	- 600.000	59.1718	18	35,485	8,581	26,904
	001050976232						
04/29/2024	Issue: 361448103 - G A T X Corp S	- 100.000	127.3023	3	12,727	3,754	8,973
	001050976232						
04/29/2024	Issue: 35671D857 - Freeport McMoran Inc S	- 1,100.000	51.6100	33	56,738	17,461	39,277
	001050976232						
04/29/2024	Issue: 617446448 - Morgan Stanley Com New S	- 300.000	91.5900	9	27,468	8,761	18,707
	001050976232						
04/29/2024	Issue: 949746101 - Wells Fargo Co New Com S	- 500.000	59.9000	15	29,935	19,307	10,628
	001050976232						
04/29/2024	Issue: 14574X104 - Carrols Restaurant Group Inc B	9,598.000	9.5100	48	- 91,325	91,325	
	001050976232						
04/29/2024	Issue: 29272W109 - Energizer Hldgs Inc S	- 500.000	28.5160	15	14,243	17,468	- 3,225
	001050976232						
04/30/2024	Issue: 14574X104 - Carrols Restaurant Group Inc B	10,402.000	9.5100	52	- 98,975	98,975	
	001050976232						
04/30/2024	Issue: 92858V101 - Vizio Hldg Corp Cl A Com B	7,500.000	10.5197	225	- 79,123	79,123	761
	001050976232						
05/01/2024	Issue: 637215104 - National Presto Inds Inc S	- 500.000	83.2000	15	41,585	40,824	
	001050976232						
05/02/2024	Issue: 025816109 - American Express Co S	- 200.000	232.6874	6	46,531	5,997	40,534
	001050976232						

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 386 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
05/02/2024	Issue: 361448103 - G A T X Corp S	- 400.000	126.3664	12	50,534	15,018	35,517
	001050976232						
05/02/2024	Issue: 636180101 - National Fuel Gas Co Nj S	- 500.000	54.8380	15	27,404	24,652	2,752
	001050976232						
05/02/2024	Issue: 883203101 - Textron Inc S	- 400.000	85.1250	12	34,038	16,128	17,909
	001050976232						
05/02/2024	Issue: 624756102 - Mueller Inds Inc S	- 800.000	56.1231	24	44,874	11,441	33,433
	001050976232						
05/02/2024	Issue: 126501105 - Cts Corp S	- 1,000.000	48.5103	30	48,480	7,785	40,695
	001050976232						
05/02/2024	Issue: 949746101 - Wells Fargo Co New Com S	- 1,000.000	59.3881	30	59,358	38,614	20,744
	001050976232						
05/02/2024	Issue: 05465P101 - Axonics Inc Com S	- 1,200.000	66.9526	13	80,330	82,810	- 2,479
	001050976232						
05/02/2024	Issue: 829242106 - Sinclair Broadcast Group Inc Cl A S	- 500.000	13.3103	12	6,643	10,483	- 3,840
	001050976232						
05/02/2024	Issue: 095306106 - Blue Bird Corp S	- 400.000	34.2000	12	13,668	8,087	5,580
	001050976232						
05/02/2024	Issue: 29272W109 - Energizer Hldgs Inc S	- 2,000.000	29.1208	60	58,181	69,873	- 11,691
	001050976232						
05/02/2024	Issue: 83303Y105 - Snap One Holdings Corp Com S	- 13,000.000	10.5939	66	137,655	137,836	- 182
	001050976232						

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 387 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
05/09/2024	Issue: 095306106 - Blue Bird Corp S	- 300.000	45.5674	12	13,658	6,066	7,593
	001050976232						
05/29/2024	Issue: 868873100 - Surmodics Inc B	3,000.000	42.1201	15	- 126,375	126,375	
	001050976232						
06/21/2024	Issue: 82710M100 - Silk Road Medical Inc B	5,000.000	26.9007	25	- 134,529	134,529	
	001050976232						
06/24/2024	Issue: 82710M100 - Silk Road Medical Inc B	4,000.000	26.9117	20	- 107,667	107,667	
	001050976232						
07/11/2024	Issue: 835699307 - Sony Group Corporation A D R S	- 900.000	95.7705	29	86,164	16,093	70,071
	001050976232						
07/11/2024	Issue: 844895102 - Southwest Gas Holdings Inc Com S	- 1,000.000	73.0565	32	73,024	64,166	8,859
	001050976232						
07/11/2024	Issue: 949746101 - Wells Fargo Co New Com S	- 500.000	60.0519	16	30,010	19,307	10,703
	001050976232						
07/12/2024	Issue: 361448103 - G A T X Corp S	- 300.000	143.9740	10	43,182	11,263	31,919
	001050976232						
07/12/2024	Issue: 844895102 - Southwest Gas Holdings Inc Com S	- 300.000	72.7900	10	21,827	19,250	2,578
	001050976232						
07/12/2024	Issue: 624756102 - Mueller Inds Inc S	- 300.000	60.0436	10	18,004	4,290	13,713
	001050976232						
07/12/2024	Issue: 35671D857 - Freeport McMoran Inc S	- 2,000.000	51.3580	63	102,653	31,747	70,906
	001050976232						

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 388 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
07/12/2024	Issue: 34354P105 - Flowserve Corp S	- 400.000	48.6800	13	19,459	2,455	17,005
	001050976232						
07/12/2024	Issue: 949746101 - Wells Fargo Co New Com S	- 500.000	56.0000	16	27,984	19,307	8,677
	001050976232						
07/12/2024	Issue: 829242106 - Sinclair Broadcast Group Inc Cl A S	- 800.000	14.9388	16	11,935	16,773	- 4,839
	001050976232						
07/12/2024	Issue: 879512309 - Telesat Corp Cl A Cl B Shs S	- 1,000.000	8.2976	20	8,277	18,015	- 9,737
	001050976232						
07/12/2024	Issue: 449172105 - Hyster Yale Inc S	- 300.000	69.2300	10	20,759	13,034	7,725
	001050976232						
07/12/2024	Issue: 268948106 - Eagle Bancorp Inc S	- 100.000	20.5100	12	2,039	2,535	- 496
	001050976232						
07/15/2024	Issue: 624756102 - Mueller Inds Inc S	- 500.000	61.5200	16	30,744	7,151	23,594
	001050976232						
07/15/2024	Issue: 55616P104 - MacY's Inc S	- 500.000	16.4220	15	8,196	10,373	- 2,178
	001050976232						
07/17/2024	Issue: 361448103 - G A T X Corp S	- 500.000	150.0264	17	74,996	18,772	56,224
	001050976232						
07/17/2024	Issue: 624756102 - Mueller Inds Inc S	- 400.000	64.2207	13	25,676	5,720	19,955
	001050976232						
07/17/2024	Issue: 617446448 - Morgan Stanley Com New S	- 300.000	105.5381	10	31,652	8,761	22,890
	001050976232						

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 389 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
07/17/2024	Issue: 262037104 - Drill Quip Inc B	500.000	17.7678	15	- 8,899	8,899	
	001050976232						
07/17/2024	Issue: 29355X107 - Enpro Inc S	- 200.000	168.3250	7	33,658	13,097	20,562
	001050976232						
07/17/2024	Issue: 526057302 - Lennar Corp Cl B S	- 200.000	158.5000	7	31,693	7,623	24,070
	001050976232						
07/17/2024	Issue: 42704L104 - Herc Holdings Inc S	- 400.000	152.8800	14	61,138	13,243	47,896
	001050976232						
08/19/2024	Issue: 693475105 - Pnc Finl Svcs Group Inc Com S	- 200.000	173.5000	7	34,693	8,874	25,819
	001050976232						
08/19/2024	Issue: 894650100 - Tredegar Corp S	- 1,500.000	5.8389	45	8,713	15,519	- 6,806
	001050976232						
08/19/2024	Issue: 624756102 - Mueller Inds Inc S	- 300.000	68.8071	10	20,633	4,290	16,342
	001050976232						
08/19/2024	Issue: 40049J206 - Grupo Televisa Sa Spon A D R S	- 4,000.000	1.9888	80	7,875	31,501	- 23,626
	001050976232						
08/19/2024	Issue: 617446448 - Morgan Stanley Com New S	- 200.000	101.7200	7	20,337	5,841	14,497
	001050976232						
08/19/2024	Issue: 949746101 - Wells Fargo Co New Com S	- 500.000	55.5500	16	27,759	19,307	8,452
	001050976232						
08/19/2024	Issue: 155923105 - Centuri Holdings Inc Com Shs B	300.000	16.6616	9	- 5,007	5,007	
	001050976232						

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 390 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
08/19/2024	S	Issue: 48203R104 - Juniper Networks Inc -500.000	38.8300	16	19,399	18,507	892
08/19/2024	S	Issue: 931427108 - Walgreens Boots Alliance Inc Com -400.000	10.8958	12	4,346	8,781	- 4,435
08/19/2024	S	Issue: 829242106 - Sinclair Broadcast Group Inc Cl A -300.000	13.3039	12	3,979	6,290	- 2,311
08/19/2024	S	Issue: 92556H107 - Paramount Global Cl A Ord -200.000	23.2928	12	4,646	4,959	- 313
08/19/2024	S	Issue: 87901J105 - Tegna Inc -500.000	14.0508	15	7,010	8,605	- 1,595
08/19/2024	S	Issue: 29272W109 - Energizer Hldgs Inc -500.000	29.4417	15	14,705	17,468	- 2,763
08/19/2024	B	Issue: 015857105 - Algonquin Power Utilities 2,000.000	5.3682	60	- 10,796	10,796	- 3,093
08/19/2024	S	Issue: 202608105 - Commercial Vehicle Group Inc -600.000	3.5638	12	2,126	5,219	21,100
08/19/2024	S	Issue: 42704L104 - Herc Holdings Inc -200.000	138.6428	7	27,722	6,621	30,366
08/20/2024	S	Issue: 361448103 - G A T X Corp -300.000	138.7971	10	41,629	11,263	- 2,522
08/20/2024	S	Issue: 071734107 - Bausch Health Cos Inc -300.000	5.7744	9	1,723	4,245	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 391 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
08/20/2024	Issue: 868873100 - Surmodics Inc S	- 500.000	40.0301	13	20,002	21,063	- 1,060
	001050976232						
08/20/2024	Issue: 949746101 - Wells Fargo Co New Com S	- 300.000	56.4337	9	16,921	11,584	5,336
	001050976232						
08/20/2024	Issue: 48203R104 - Juniper Networks Inc S	- 500.000	39.0000	16	19,484	18,507	977
	001050976232						
08/20/2024	Issue: 049904105 - Atrion Corporation B	300.000	459.8895	12	- 137,979	137,979	
	001050976232						
08/20/2024	Issue: 931427108 - Walgreens Boots Alliance Inc Com S	- 400.000	10.8450	12	4,326	8,781	- 4,455
	001050976232						
08/20/2024	Issue: 829242106 - Sinclair Broadcast Group Inc Cl A S	- 300.000	13.0567	12	3,905	6,290	- 2,385
	001050976232						
08/20/2024	Issue: 015857105 - Algonquin Power Utilities B	9,000.000	5.2864	270	- 47,848	47,848	
	001050976232						
08/21/2024	Issue: 00164V103 - Amc Networks Inc A W I S	- 200.000	10.2810	12	2,044	4,145	- 2,100
	001050976232						
08/22/2024	Issue: 40049J206 - Grupo Televisa Sa Spon A D R B	4,000.000	2.0205	80	- 8,162	8,162	
	001050976232						
08/22/2024	Issue: 775133101 - Rogers Corp B	300.000	106.0900	9	- 31,836	31,836	
	001050976232						
08/22/2024	Issue: 384109104 - Graco Inc S	- 300.000	82.1000	10	24,620	6,077	18,544
	001050976232						

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 392 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
08/22/2024	Issue: 934423104 - Warner Bros Discovery Inc Series A B 001050976232	500.000	7.6800	12	- 3,852	3,852	
08/22/2024	Issue: 931427108 - Walgreens Boots Alliance Inc Com B 001050976232	400.000	10.3182	12	- 4,139	4,139	
08/22/2024	Issue: 55616P104 - MacYs Inc B 001050976232	500.000	15.5100	15	- 7,770	7,770	
08/23/2024	Issue: 42704L104 - Herc Holdings Inc S 001050976232	- 200.000	145.5009	7	29,093	6,621	22,472
08/26/2024	Issue: 155923105 - Centuri Holdings Inc Com Shs B 001050976232	500.000	17.0000	15	- 8,515	8,515	
08/26/2024	Issue: 00751Y106 - Advance Auto Parts Inc B 001050976232	200.000	49.2476	6	- 9,856	9,856	
09/10/2024	Issue: 858912108 - Stericycle Inc B 001050976232	2,500.000	61.6599	13	- 154,162	154,162	
09/11/2024	Issue: 775133101 - Rogers Corp B 001050976232	200.000	98.3027	6	- 19,667	19,667	
09/27/2024	Issue: 025816109 - American Express Co S 001050976232	- 300.000	269.7521	11	80,914	8,996	71,918
09/27/2024	Issue: 40049J206 - Grupo Televisa Sa Spon A D R S 001050976232	- 2,000.000	2.4928	40	4,945	15,326	- 10,380
09/27/2024	Issue: 931427108 - Walgreens Boots Alliance Inc Com B 001050976232	500.000	8.7392	12	- 4,382	4,382	



FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
09/27/2024	Issue: 879512309 - Telesat Corp Cl A Cl B Shs S 001050976232	-2,000.000	12.6108	41	25,181	36,029	- 10,848
09/27/2024	Issue: 00751Y106 - Advance Auto Parts Inc B 001050976232	200.000	41.7446	6	- 8,355	8,355	
09/27/2024	Issue: 03743Q108 - Apa Corporation Com B 001050976232	358.000	24.0359	12	- 8,617	8,617	
09/27/2024	Issue: 05351W103 - Avangrid Inc S 001050976232	- 300.000	35.7100	9	10,704	12,838	- 2,135
09/27/2024	Issue: N20944109 - CNH Intl N V Shs S 001050976232	- 1,500.000	11.4809	45	17,176	10,075	7,100
09/27/2024	Issue: 00164V103 - Amc Networks Inc A W I S 001050976232	- 400.000	8.0200	12	3,196	8,289	- 5,093
09/27/2024	Issue: 42704L104 - Herc Holdings Inc S 001050976232	- 200.000	158.4000	7	31,673	6,621	25,052
09/30/2024	Issue: 457651107 - Innovex International Inc Com B 001050976232	500.000	14.6492	15	- 7,340	7,340	
10/01/2024	Issue: 40049J206 - Grupo Televisa Sa Spon A D R S 001050976232	- 4,000.000	2.4912	80	9,885	30,652	- 20,767
10/01/2024	Issue: 35671D857 - Freeport McMoran Inc S 001050976232	- 500.000	50.2408	16	25,105	7,937	17,168
10/01/2024	Issue: 384109104 - Graco Inc S 001050976232	- 300.000	86.3890	10	25,907	6,077	19,830

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 394 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
10/01/2024	Issue: 231561101 - Curtiss Wright Corp S	- 50.000	334.3289	2	16,714	222	16,493
001050976232							
10/01/2024	Issue: 00751Y106 - Advance Auto Parts Inc S	- 700.000	38.0015	22	26,579	34,289	- 7,710
001050976232							
10/01/2024	Issue: 064058100 - Bank Of New York Mellon Corp S	- 600.000	71.3500	19	42,791	16,762	26,028
001050976232							
10/01/2024	Issue: 29272W109 - Energizer Hldgs Inc S	- 300.000	31.4809	9	9,435	10,481	- 1,046
001050976232							
10/01/2024	Issue: 202608105 - Commercial Vehicle Group Inc S	- 400.000	3.1036	12	1,229	3,479	- 2,250
001050976232							
10/14/2024	Issue: 025816109 - American Express Co S	- 100.000	276.6084	4	27,657	2,999	24,658
001050976232							
10/14/2024	Issue: 949746101 - Wells Fargo Co New Com S	- 200.000	62.7460	6	12,543	7,723	4,820
001050976232							
10/14/2024	Issue: 931427108 - Walgreens Boots Alliance Inc Com B	500.000	9.1000	12	- 4,562	4,562	6,472
001050976232							
10/14/2024	Issue: N20944109 - CNH Intl N V Shs S	- 1,500.000	11.0621	45	16,548	10,075	6,472
001050976232							
10/14/2024	Issue: 42704L104 - Herc Holdings Inc S	- 200.000	168.4234	7	33,678	6,621	27,056
001050976232							
10/15/2024	Issue: 384109104 - Graco Inc S	- 300.000	87.3000	10	26,180	6,077	20,104
001050976232							



FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
10/15/2024	Issue: 868873100 - Surmodics Inc S	- 300.000	38.5950	12	11,566	12,638	- 1,071
	001050976232						
10/15/2024	Issue: 624758108 - Mueller Wtr Prods Inc S	- 800.000	22.9518	25	18,337	9,686	8,651
	001050976232						
10/15/2024	Issue: 155923105 - Centuri Holdings Inc Com Shs S	- 800.000	17.7689	24	14,191	13,522	668
	001050976232						
10/15/2024	Issue: 879512309 - Telesat Corp Cl A Cl B Shs S	- 1,124.000	13.0495	23	14,645	20,248	- 5,604
	001050976232						
10/15/2024	Issue: 526057302 - Lennar Corp Cl B S	- 200.000	172.3755	7	34,468	7,623	26,845
	001050976232						
10/15/2024	Issue: 015857105 - Algonquin Power Utilities B	1,500.000	5.0564	45	- 7,630	7,630	
	001050976232						
10/16/2024	Issue: 879512309 - Telesat Corp Cl A Cl B Shs S	- 876.000	14.0276	18	12,270	15,781	- 3,511
	001050976232						
10/16/2024	Issue: 202608105 - Commercial Vehicle Group Inc S	- 500.000	3.0900	12	1,533	4,349	- 2,816
	001050976232						
10/25/2024	Issue: 775133101 - Rogers Corp B	500.000	103.6740	15	- 51,852	51,852	
	001050976232						
10/29/2024	Issue: 624756102 - Mueller Inds Inc S	- 200.000	82.4214	6	16,478	2,860	13,618
	001050976232						
10/29/2024	Issue: 40049J206 - Grupo Televisa Sa Spon A D R S	- 4,000.000	2.4286	80	9,634	30,652	- 21,018
	001050976232						

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 396 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
10/29/2024	Issue: 857477103 - State Str Corp S	- 200.000	93.1600	7	18,625	10,054	8,571
	001050976232						
10/29/2024	Issue: 868873100 - Surmodics Inc S	- 400.000	37.5650	12	15,014	16,850	- 1,836
	001050976232						
10/29/2024	Issue: 624758108 - Mueller Wtr Prods Inc S	- 400.000	21.7178	12	8,675	4,843	3,832
	001050976232						
10/29/2024	Issue: 931427108 - Walgreens Boots Alliance Inc Com S	- 500.000	9.5400	12	4,758	8,035	- 3,277
	001050976232						
10/29/2024	Issue: 46625H100 - Jpmorgan Chase Co S	- 100.000	223.4600	4	22,342	3,806	18,537
	001050976232						
10/29/2024	Issue: 29272W109 - Energizer Hldgs Inc S	- 200.000	32.5022	6	6,494	6,987	- 493
	001050976232						
10/29/2024	Issue: 28035Q102 - Edgewell Personal Care Co S	- 300.000	35.1446	9	10,534	11,422	- 887
	001050976232						
10/29/2024	Issue: 268948106 - Eagle Bancorp Inc S	- 200.000	26.3800	12	5,264	5,069	194
	001050976232						
10/29/2024	Issue: 42704L104 - Herc Holdings Inc S	- 400.000	212.8969	14	85,144	13,243	71,902
	001050976232						
10/30/2024	Issue: 05465P101 - Axonics Inc Com S	- 300.000	70.1860	13	21,043	20,702	341
	001050976232						
11/04/2024	Issue: 00164V103 - Amc Networks Inc A W I S	- 800.000	8.2607	16	6,592	16,578	- 9,986
	001050976232						

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 397 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
11/11/2024	Issue: 126501105 - Cts Corp S 001050976232	- 300.000	57.9040	9	17,362	2,336	15,026
11/11/2024	Issue: 03743Q108 - Apa Corporation Com B 001050976232	500.000	21.8508	12	- 10,937	10,937	
11/11/2024	Issue: 202608105 - Commercial Vehicle Group Inc B 001050976232	500.000	2.6724	12	- 1,348	1,348	
11/11/2024	Issue: 42704L104 - Herc Holdings Inc S 001050976232	- 300.000	234.1152	11	70,224	9,932	60,292
11/13/2024	Issue: 457651107 - Innovex International Inc Com S 001050976232	- 800.000	16.1995	24	12,935	17,420	- 4,485
11/19/2024	Issue: 637215104 - National Presto Inds Inc B 001050976232	100.000	74.8000	3	- 7,483	7,483	
11/25/2024	Issue: 025816109 - American Express Co S 001050976232	- 100.000	303.0817	4	30,304	2,999	27,306
11/25/2024	Issue: 835699307 - Sony Group Corporation A D R S 001050976232	- 500.000	19.3733	15	9,671	1,788	7,883
11/25/2024	Issue: 032037103 - Ampco-Pittsburg Corp S 001050976232	- 500.000	1.8728	10	926	2,881	- 1,954
11/25/2024	Issue: 857477103 - State Str Corp S 001050976232	- 300.000	98.8464	10	29,644	15,082	14,563
11/25/2024	Issue: 23636T100 - Danone Spon A D R S 001050976232	- 500.000	13.6397	12	6,808	5,349	1,459

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 398 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
11/25/2024	Issue: 48203R104 - Juniper Networks Inc S 001050976232	-800.000	36.1833	25	28,922	29,612	- 690
11/25/2024	Issue: 46625H100 - Jpmorgan Chase Co S 001050976232	-50.000	249.7900	2	12,488	1,903	10,585
11/25/2024	Issue: 064058100 - Bank Of New York Mellon Corp S 001050976232	-900.000	81.0295	29	72,898	25,144	47,754
11/25/2024	Issue: 095306106 - Blue Bird Corp S 001050976232	-200.000	42.9800	12	8,584	4,044	4,540
11/25/2024	Issue: 03743Q108 - Apa Corporation Com S 001050976232	-500.000	22.6851	12	11,330	15,430	- 4,100
11/25/2024	Issue: 015857105 - Algonquin Power Utilities S 001050976232	-500.000	4.8800	10	2,430	2,651	- 221
11/25/2024	Issue: N20944109 - CNH Intl N V Shs S 001050976232	-3,000.000	12.6525	91	37,866	20,151	17,716
11/25/2024	Issue: 00164V103 - Amc Networks Inc A W I B 001050976232	700.000	9.3558	14	- 6,563	6,563	
11/25/2024	Issue: 42704L104 - Herc Holdings Inc S 001050976232	-300.000	225.9357	11	67,770	9,932	57,838
11/25/2024	Issue: 34964C106 - Fortune Brands Innovations Inc S 001050976232	-300.000	81.3941	10	24,409	2,143	22,265
12/05/2024	Issue: 86614U100 - Summit Materials Inc C J A B 001050976232	2,500.000	50.7501	75	- 126,950	126,950	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 399 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS		
12/09/2024	Issue: 361448103 - G A T X Corp S	- 300.000	161.4200	10	48,416	11,263	37,152		
	001050976232								
12/09/2024	Issue: 717081103 - Pfizer Inc B	1,500.000	25.7047	45	- 38,602	38,602			
	001050976232								
12/09/2024	Issue: 835699307 - Sony Group Corporation A D R S	- 800.000	21.4100	24	17,104	2,861	14,243		
	001050976232								
12/09/2024	Issue: 384109104 - Graco Inc S	- 200.000	89.7600	7	17,946	4,051	13,894		
	001050976232								
12/09/2024	Issue: 615394202 - Moog Inc Class A S	- 100.000	210.5000	4	21,046	3,147	17,899		
	001050976232								
12/09/2024	Issue: 86614U100 - Summit Materials Inc C I A B	1,500.000	50.8500	45	- 76,320	76,320			
	001050976232								
12/09/2024	Issue: 095306106 - Blue Bird Corp S	- 200.000	39.0275	12	7,793	4,044	3,750		
	001050976232								
12/09/2024	Issue: 03743Q108 - Apa Corporation Com B	500.000	21.8900	12	- 10,957	10,957			
	001050976232								
12/09/2024	Issue: 00164V103 - Amc Networks Inc A W I B	500.000	9.4100	12	- 4,717	4,717			
	001050976232								
12/09/2024	Issue: 42704L104 - Herc Holdings Inc S	- 300.000	231.1738	11	69,341	9,932	59,409		
	001050976232								
Total For Gabelli & Company, Inc.						6,607	8,758,762	6,004,367	2,754,398

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 400 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
GRAND TOTAL				6,607	15,291,071	9,924,937	5,366,137

CATEGORY 3 - SERIES OF TRANSACTIONS IN SAME SECURITY EXCEEDS 5% OF VALUE

Issue: 00900W621 - Invesco Oppenheimer Intl Growth R6

08/21/2024	S	- 132,394.574	38.2500		5,064,092 *	4,816,323	247,769
001050976230							
Total For Sells				0	5,064,092	4,816,323	247,769

Issue: 31846V567 - First Am Govt Ob Fd Clz

01/02/2024	B	174,587.780	1.0000		- 174,588	174,588	
001050976233							
01/03/2024	B	11,734.130	1.0000		- 11,734	11,734	
001050976230							
01/03/2024	B	1,607.630	1.0000		- 1,608	1,608	
001050976231							
01/03/2024	B	5,126.800	1.0000		- 5,127	5,127	
001050976233							
01/05/2024	B	135,661.640	1.0000		- 135,662	135,662	
001050976232							
01/08/2024	B	9,000.540	1.0000		- 9,001	9,001	
001050976232							
01/10/2024	B	48,000.000	1.0000		- 48,000	48,000	
001050976233							
01/11/2024	B	2,100.000	1.0000		- 2,100	2,100	
001050976232							
01/12/2024	B	13,985.000	1.0000		- 13,985	13,985	
001050976232							

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 401 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
01/12/2024 001050976232	B	1,480.260	1.0000		- 1,480	1,480	
01/16/2024 001050976231	B	70,424.940	1.0000		- 70,425	70,425	
01/16/2024 001050976232	B	3,469.000	1.0000		- 3,469	3,469	
01/16/2024 001050976232	B	1,075.180	1.0000		- 1,075	1,075	
01/16/2024 001050976233	B	554.160	1.0000		- 554	554	
01/19/2024 001050976232	B	4,266.590	1.0000		- 4,267	4,267	
01/22/2024 001050976232	B	30,106.710	1.0000		- 30,107	30,107	
01/23/2024 001050976233	B	267.870	1.0000		- 268	268	
01/26/2024 001050976232	B	512.000	1.0000		- 512	512	
01/29/2024 001050976230	B	1,000,000.000	1.0000		- 1,000,000	1,000,000	
01/30/2024 001050976233	B	773.810	1.0000		- 774	774	
01/31/2024 001050976231	B	165.800	1.0000		- 166	166	
01/31/2024 001050976232	B	1,610.000	1.0000		- 1,610	1,610	
02/01/2024 001050976232	B	3,510.000	1.0000		- 3,510	3,510	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 402 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
02/01/2024 001050976232	B	1,059.540	1.0000		- 1,060	1,060	
02/01/2024 001050976233	B	146.710	1.0000		- 147	147	
02/02/2024 001050976230	B	15,371.980	1.0000		- 15,372	15,372	
02/02/2024 001050976231	B	982.360	1.0000		- 982	982	
02/02/2024 001050976232	B	167,431.260	1.0000		- 167,431	167,431	
02/02/2024 001050976232	B	3,947.710	1.0000		- 3,948	3,948	
02/02/2024 001050976233	B	3,731.790	1.0000		- 3,732	3,732	
02/06/2024 001050976233	B	1,000.000	1.0000		- 1,000	1,000	
02/07/2024 001050976232	B	2,720.000	1.0000		- 2,720	2,720	
02/08/2024 001050976232	B	1,323.000	1.0000		- 1,323	1,323	
02/09/2024 001050976232	B	1,080.000	1.0000		- 1,080	1,080	
02/14/2024 001050976233	B	288.020	1.0000		- 288	288	
02/16/2024 001050976232	B	465.000	1.0000		- 465	465	
02/20/2024 001050976232	B	1,584.000	1.0000		- 1,584	1,584	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 403 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
02/21/2024 001050976232	B	51,319.540	1.0000		- 51,320	51,320	
02/22/2024 001050976232	B	400.000	1.0000		- 400	400	
02/23/2024 001050976232	B	530.000	1.0000		- 530	530	
02/23/2024 001050976233	B	587.670	1.0000		- 588	588	
02/27/2024 001050976232	B	420.000	1.0000		- 420	420	
02/28/2024 001050976232	B	575.000	1.0000		- 575	575	
02/28/2024 001050976233	B	2,321.430	1.0000		- 2,321	2,321	
02/29/2024 001050976232	B	200.000	1.0000		- 200	200	
02/29/2024 001050976233	B	577.570	1.0000		- 578	578	
03/01/2024 001050976232	B	8,990.000	1.0000		- 8,990	8,990	
03/01/2024 001050976233	B	243.770	1.0000		- 244	244	
03/04/2024 001050976230	B	17,848.250	1.0000		- 17,848	17,848	
03/04/2024 001050976231	B	410.480	1.0000		- 410	410	
03/07/2024 001050976232	B	4,522.000	1.0000		- 4,522	4,522	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 404 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
03/08/2024 001050976233	B	353.000	1.0000		- 353	353	
03/11/2024 001050976232	B	670.000	1.0000		- 670	670	
03/12/2024 001050976232	B	500.000	1.0000		- 500	500	
03/12/2024 001050976232	B	299,000.000	1.0000		- 299,000	299,000	
03/13/2024 001050976232	B	931.000	1.0000		- 931	931	
03/13/2024 001050976233	B	715.100	1.0000		- 715	715	
03/14/2024 001050976232	B	2,700.000	1.0000		- 2,700	2,700	
03/15/2024 001050976232	B	2,399.000	1.0000		- 2,399	2,399	
03/15/2024 001050976233	B	107.920	1.0000		- 108	108	
03/18/2024 001050976232	B	1,196.000	1.0000		- 1,196	1,196	
03/21/2024 001050976232	B	71,609.220	1.0000		- 71,609	71,609	
03/26/2024 001050976230	B	32,857.480	1.0000		- 32,857	32,857	
03/27/2024 001050976232	B	103,449.330	1.0000		- 103,449	103,449	
03/28/2024 001050976232	B	3,345.000	1.0000		- 3,345	3,345	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 405 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
04/01/2024 001050976232	B	18,558.530	1.0000		- 18,559	18,559	
04/02/2024 001050976230	B	126,560.420	1.0000		- 126,560	126,560	
04/02/2024 001050976231	B	440.520	1.0000		- 441	441	
04/02/2024 001050976232	B	336,472.910	1.0000		- 336,473	336,473	
04/02/2024 001050976233	B	855.020	1.0000		- 855	855	
04/03/2024 001050976232	B	217,189.830	1.0000		- 217,190	217,190	
04/03/2024 001050976233	B	200.280	1.0000		- 200	200	
04/04/2024 001050976232	B	620.930	1.0000		- 621	621	
04/04/2024 001050976232	B	399.890	1.0000		- 400	400	
04/05/2024 001050976232	B	7,212.040	1.0000		- 7,212	7,212	
04/05/2024 001050976233	B	495.420	1.0000		- 495	495	
04/09/2024 001050976232	B	17.280	1.0000		- 17	17	
04/11/2024 001050976232	B	30,482.150	1.0000		- 30,482	30,482	
04/12/2024 001050976232	B	87,537.410	1.0000		- 87,537	87,537	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 406 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
04/15/2024 001050976233	B	322,557.370	1.0000		- 322,557	322,557	
04/16/2024 001050976232	B	4,531.760	1.0000		- 4,532	4,532	
04/18/2024 001050976232	B	36,317.580	1.0000		- 36,318	36,318	
04/19/2024 001050976232	B	392,480.000	1.0000		- 392,480	392,480	
04/24/2024 001050976232	B	15,910.250	1.0000		- 15,910	15,910	
04/25/2024 001050976232	B	17,111.200	1.0000		- 17,111	17,111	
04/26/2024 001050976232	B	33,014.960	1.0000		- 33,015	33,015	
04/29/2024 001050976232	B	814.000	1.0000		- 814	814	
04/29/2024 001050976232	B	1,069.600	1.0000		- 1,070	1,070	
04/30/2024 001050976232	B	1,680.000	1.0000		- 1,680	1,680	
05/01/2024 001050976233	B	174,593.130	1.0000		- 174,593	174,593	
05/02/2024 001050976230	B	15,145.970	1.0000		- 15,146	15,146	
05/02/2024 001050976231	B	427.670	1.0000		- 428	428	
05/02/2024 001050976233	B	797.930	1.0000		- 798	798	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 407 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
05/03/2024 001050976232	B	41,584.660	1.0000		- 41,585	41,585	
05/03/2024 001050976232	B	1,103.610	1.0000		- 1,104	1,104	
05/06/2024 001050976232	B	610,795.570	1.0000		- 610,796	610,796	
05/07/2024 001050976232	B	44,756.500	1.0000		- 44,757	44,757	
05/08/2024 001050976232	B	2,526.000	1.0000		- 2,526	2,526	
05/08/2024 001050976233	B	232.700	1.0000		- 233	233	
05/09/2024 001050976232	B	10,500.000	1.0000		- 10,500	10,500	
05/10/2024 001050976232	B	1,305.000	1.0000		- 1,305	1,305	
05/13/2024 001050976232	B	13,658.110	1.0000		- 13,658	13,658	
05/14/2024 001050976233	B	286.000	1.0000		- 286	286	
05/15/2024 001050976232	B	2,736.250	1.0000		- 2,736	2,736	
05/15/2024 001050976232	B	3,500.000	1.0000		- 3,500	3,500	
05/15/2024 001050976233	B	540.580	1.0000		- 541	541	
05/17/2024 001050976232	B	573,000.000	1.0000		- 573,000	573,000	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 408 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
05/20/2024 001050976232	B	1,584.000	1.0000		- 1,584	1,584	
05/22/2024 001050976232	B	660.500	1.0000		- 661	661	
05/24/2024 001050976232	B	530.000	1.0000		- 530	530	
05/28/2024 001050976232	B	420.000	1.0000		- 420	420	
05/29/2024 001050976232	B	10,512.800	1.0000		- 10,513	10,513	
05/31/2024 001050976232	B	1,057.000	1.0000		- 1,057	1,057	
06/03/2024 001050976232	B	5,630.000	1.0000		- 5,630	5,630	
06/04/2024 001050976230	B	15,737.410	1.0000		- 15,737	15,737	
06/04/2024 001050976231	B	443.100	1.0000		- 443	443	
06/04/2024 001050976232	B	2,066.100	1.0000		- 2,066	2,066	
06/04/2024 001050976233	B	2,154.610	1.0000		- 2,155	2,155	
06/05/2024 001050976232	B	200.000	1.0000		- 200	200	
06/06/2024 001050976232	B	17,991.600	1.0000		- 17,992	17,992	
06/07/2024 001050976232	B	2,276.000	1.0000		- 2,276	2,276	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 409 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
06/10/2024 001050976232	B	670.000	1.0000		- 670	670	
06/10/2024 001050976232	B	9,885.920	1.0000		- 9,886	9,886	
06/12/2024 001050976232	B	3,931.000	1.0000		- 3,931	3,931	
06/14/2024 001050976232	B	7,200.000	1.0000		- 7,200	7,200	
06/17/2024 001050976232	B	6,500.000	1.0000		- 6,500	6,500	
06/17/2024 001050976232	B	2,679.020	1.0000		- 2,679	2,679	
06/18/2024 001050976232	B	150,500.000	1.0000		- 150,500	150,500	
06/20/2024 001050976232	B	508.000	1.0000		- 508	508	
06/20/2024 001050976232	B	3,711.390	1.0000		- 3,711	3,711	
06/21/2024 001050976232	B	800.000	1.0000		- 800	800	
06/26/2024 001050976232	B	425.000	1.0000		- 425	425	
06/27/2024 001050976232	B	108.000	1.0000		- 108	108	
06/28/2024 001050976232	B	1,410.000	1.0000		- 1,410	1,410	
07/01/2024 001050976232	B	17,328.250	1.0000		- 17,328	17,328	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 410 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
07/02/2024 001050976230	B	15,298.350	1.0000		- 15,298	15,298	
07/02/2024 001050976231	B	430.740	1.0000		- 431	431	
07/02/2024 001050976232	B	2,999.690	1.0000		- 3,000	3,000	
07/02/2024 001050976233	B	1,187.160	1.0000		- 1,187	1,187	
07/03/2024 001050976233	B	325,000.000	1.0000		- 325,000	325,000	
07/05/2024 001050976230	B	110,701.110	1.0000		- 110,701	110,701	
07/05/2024 001050976232	B	63.000	1.0000		- 63	63	
07/09/2024 001050976232	B	1,320.000	1.0000		- 1,320	1,320	
07/10/2024 001050976233	B	239.630	1.0000		- 240	240	
07/11/2024 001050976232	B	6,555.000	1.0000		- 6,555	6,555	
07/12/2024 001050976232	B	191,860.620	1.0000		- 191,861	191,861	
07/15/2024 001050976232	B	284,010.180	1.0000		- 284,010	284,010	
07/15/2024 001050976232	B	1,092.950	1.0000		- 1,093	1,093	
07/16/2024 001050976232	B	38,939.910	1.0000		- 38,940	38,940	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 411 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
07/18/2024 001050976232	B	249,913.770	1.0000		- 249,914	249,914	
07/18/2024 001050976233	B	760.200	1.0000		- 760	760	
07/19/2024 001050976232	B	1,350.000	1.0000		- 1,350	1,350	
07/19/2024 001050976232	B	2,290.450	1.0000		- 2,290	2,290	
07/23/2024 001050976233	B	353.000	1.0000		- 353	353	
07/29/2024 001050976232	B	814.000	1.0000		- 814	814	
07/29/2024 001050976232	B	932.050	1.0000		- 932	932	
07/30/2024 001050976230	B	3,000,000.000	1.0000		- 3,000,000	3,000,000	
07/31/2024 001050976232	B	1,635.000	1.0000		- 1,635	1,635	
08/01/2024 001050976232	B	2,700.000	1.0000		- 2,700	2,700	
08/01/2024 001050976233	B	306,231.000	1.0000		- 306,231	306,231	
08/02/2024 001050976230	B	15,583.200	1.0000		- 15,583	15,583	
08/02/2024 001050976231	B	446.610	1.0000		- 447	447	
08/02/2024 001050976232	B	13,620.810	1.0000		- 13,621	13,621	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 412 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
08/02/2024 001050976232	B	4,711.630	1.0000		- 4,712	4,712	
08/02/2024 001050976233	B	1,345.730	1.0000		- 1,346	1,346	
08/02/2024 001050976233	B	496.920	1.0000		- 497	497	
08/05/2024 001050976232	B	3,200.000	1.0000		- 3,200	3,200	
08/07/2024 001050976232	B	918.000	1.0000		- 918	918	
08/08/2024 001050976232	B	1,176.000	1.0000		- 1,176	1,176	
08/09/2024 001050976232	B	1,165.000	1.0000		- 1,165	1,165	
08/12/2024 001050976233	B	174.340	1.0000		- 174	174	
08/13/2024 001050976232	B	24,200.000	1.0000		- 24,200	24,200	
08/13/2024 001050976233	B	222.960	1.0000		- 223	223	
08/15/2024 001050976232	B	2,323.750	1.0000		- 2,324	2,324	
08/15/2024 001050976233	B	95.880	1.0000		- 96	96	
08/19/2024 001050976232	B	1,200.000	1.0000		- 1,200	1,200	
08/20/2024 001050976232	B	188,525.190	1.0000		- 188,525	188,525	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 413 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
08/20/2024 001050976233	B	174.350	1.0000		- 174	174	
08/22/2024 001050976230	B	5,064,098.170	1.0000		- 5,064,098 *	5,064,098	
08/22/2024 001050976232	B	2,704.640	1.0000		- 2,705	2,705	
08/22/2024 001050976232	B	138,000.000	1.0000		- 138,000	138,000	
08/23/2024 001050976232	B	4,164.510	1.0000		- 4,165	4,165	
08/26/2024 001050976232	B	29,093.370	1.0000		- 29,093	29,093	
08/26/2024 001050976233	B	84.240	1.0000		- 84	84	
08/28/2024 001050976232	B	540.000	1.0000		- 540	540	
08/29/2024 001050976232	B	420.000	1.0000		- 420	420	
08/30/2024 001050976232	B	850.000	1.0000		- 850	850	
09/03/2024 001050976232	B	7,604.000	1.0000		- 7,604	7,604	
09/03/2024 001050976233	B	102,000.000	1.0000		- 102,000	102,000	
09/04/2024 001050976230	B	26,246.270	1.0000		- 26,246	26,246	
09/04/2024 001050976231	B	446.500	1.0000		- 447	447	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 414 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
09/04/2024 001050976232	B	2,706.950	1.0000		- 2,707	2,707	
09/04/2024 001050976233	B	1,841.240	1.0000		- 1,841	1,841	
09/06/2024 001050976232	B	4,139.000	1.0000		- 4,139	4,139	
09/10/2024 001050976232	B	2,920.000	1.0000		- 2,920	2,920	
09/12/2024 001050976232	B	8,091.780	1.0000		- 8,092	8,092	
09/12/2024 001050976233	B	162.770	1.0000		- 163	163	
09/13/2024 001050976232	B	7,057.000	1.0000		- 7,057	7,057	
09/17/2024 001050976232	B	247,500.000	1.0000		- 247,500	247,500	
09/18/2024 001050976232	B	30.000	1.0000		- 30	30	
09/19/2024 001050976232	B	418.000	1.0000		- 418	418	
09/20/2024 001050976232	B	500.000	1.0000		- 500	500	
09/23/2024 001050976232	B	440.000	1.0000		- 440	440	
09/25/2024 001050976232	B	3,394.730	1.0000		- 3,395	3,395	
09/26/2024 001050976232	B	108.000	1.0000		- 108	108	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 415 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
09/30/2024 001050976232	B	157,293.450	1.0000		- 157,293	157,293	
10/01/2024 001050976232	B	5,410.650	1.0000		- 5,411	5,411	
10/02/2024 001050976230	B	22,545.920	1.0000		- 22,546	22,546	
10/02/2024 001050976231	B	420.230	1.0000		- 420	420	
10/02/2024 001050976232	B	158,913.910	1.0000		- 158,914	158,914	
10/02/2024 001050976233	B	54,421.510	1.0000		- 54,422	54,422	
10/03/2024 001050976232	B	1,320.000	1.0000		- 1,320	1,320	
10/03/2024 001050976232	B	5,790.910	1.0000		- 5,791	5,791	
10/03/2024 001050976233	B	84.240	1.0000		- 84	84	
10/04/2024 001050976230	B	110,332.100	1.0000		- 110,332	110,332	
10/07/2024 001050976233	B	550,450.000	1.0000		- 550,450	550,450	
10/10/2024 001050976233	B	120.670	1.0000		- 121	121	
10/11/2024 001050976232	B	8,501.000	1.0000		- 8,501	8,501	
10/15/2024 001050976232	B	9,529.000	1.0000		- 9,529	9,529	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 416 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
10/15/2024 001050976232	B	87,483.260	1.0000		- 87,483	87,483	
10/16/2024 001050976232	B	111,757.370	1.0000		- 111,757	111,757	
10/16/2024 001050976232	B	1,500.000	1.0000		- 1,500	1,500	
10/16/2024 001050976233	B	614.900	1.0000		- 615	615	
10/17/2024 001050976232	B	13,803.260	1.0000		- 13,803	13,803	
10/17/2024 001050976232	B	5,520.240	1.0000		- 5,520	5,520	
10/24/2024 001050976232	B	1,250.000	1.0000		- 1,250	1,250	
10/24/2024 001050976233	B	179.200	1.0000		- 179	179	
10/25/2024 001050976232	B	412.000	1.0000		- 412	412	
10/28/2024 001050976232	B	851.020	1.0000		- 851	851	
10/30/2024 001050976232	B	202,962.670	1.0000		- 202,963	202,963	
10/31/2024 001050976232	B	22,577.210	1.0000		- 22,577	22,577	
11/01/2024 001050976232	B	14,093.000	1.0000		- 14,093	14,093	
11/01/2024 001050976233	B	213,056.630	1.0000		- 213,057	213,057	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 417 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
11/04/2024 001050976230	B	18,114.120	1.0000		- 18,114	18,114	
11/04/2024 001050976231	B	413.150	1.0000		- 413	413	
11/04/2024 001050976232	B	519.040	1.0000		- 519	519	
11/04/2024 001050976233	B	192.550	1.0000		- 193	193	
11/05/2024 001050976232	B	9,472.370	1.0000		- 9,472	9,472	
11/05/2024 001050976232	B	155,000.000	1.0000		- 155,000	155,000	
11/06/2024 001050976232	B	688.500	1.0000		- 689	689	
11/07/2024 001050976233	B	184.980	1.0000		- 185	185	
11/08/2024 001050976232	B	2,131.000	1.0000		- 2,131	2,131	
11/08/2024 001050976232	B	30.420	1.0000		- 30	30	
11/12/2024 001050976232	B	75,299.710	1.0000		- 75,300	75,300	
11/14/2024 001050976232	B	12,935.230	1.0000		- 12,935	12,935	
11/15/2024 001050976232	B	2,138.750	1.0000		- 2,139	2,139	
11/26/2024 001050976232	B	295,047.010	1.0000		- 295,047	295,047	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 418 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
11/26/2024 001050976232	B	37,866.440	1.0000		- 37,866	37,866	
11/27/2024 001050976230	B	500,000.000	1.0000		- 500,000	500,000	
11/27/2024 001050976232	B	1,196.000	1.0000		- 1,196	1,196	
11/29/2024 001050976230	B	42,749.630	1.0000		- 42,750	42,750	
11/29/2024 001050976232	B	850.000	1.0000		- 850	850	
11/29/2024 001050976232	B	930.850	1.0000		- 931	931	
12/02/2024 001050976232	B	7,204.000	1.0000		- 7,204	7,204	
12/02/2024 001050976237	B	441,033.360	1.0000		- 441,033	441,033	
12/03/2024 001050976230	B	13,077.170	1.0000		- 13,077	13,077	
12/03/2024 001050976231	B	385.560	1.0000		- 386	386	
12/03/2024 001050976232	B	813.010	1.0000		- 813	813	
12/04/2024 001050976233	B	273,759.080	1.0000		- 273,759	273,759	
12/04/2024 001050976237	B	2,942.750	1.0000		- 2,943	2,943	
12/06/2024 001050976233	B	101.930	1.0000		- 102	102	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 419 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
12/10/2024 001050976232	B	51,752.520	1.0000		- 51,753	51,753	
12/10/2024 001050976237	B	7,190.630	1.0000		- 7,191	7,191	
12/11/2024 001050976230	B	1,000,000.000	1.0000		- 1,000,000	1,000,000	
12/11/2024 001050976232	B	931.000	1.0000		- 931	931	
12/12/2024 001050976232	B	2,925.000	1.0000		- 2,925	2,925	
12/12/2024 001050976232	B	2,880.070	1.0000		- 2,880	2,880	
12/13/2024 001050976232	B	907.000	1.0000		- 907	907	
12/16/2024 001050976232	B	7,400.000	1.0000		- 7,400	7,400	
12/16/2024 001050976237	B	42,786.250	1.0000		- 42,786	42,786	
12/18/2024 001050976232	B	210.000	1.0000		- 210	210	
12/19/2024 001050976232	B	268.000	1.0000		- 268	268	
12/20/2024 001050976230	B	16.290	1.0000		- 16	16	
12/20/2024 001050976231	B	.460	1.0000				
12/20/2024 001050976232	B	671.120	1.0000		- 671	671	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 420 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
12/20/2024 001050976233	B	.480	1.0000				
12/20/2024 001050976237	B	2.220	1.0000		- 2	2	
12/23/2024 001050976232	B	804.000	1.0000		- 804	804	
12/24/2024 001050976232	B	108.000	1.0000		- 108	108	
12/26/2024 001050976230	B	498,004.360	1.0000		- 498,004	498,004	
12/26/2024 001050976232	B	79,075.000	1.0000		- 79,075	79,075	
12/27/2024 001050976232	B	1,795.500	1.0000		- 1,796	1,796	
12/27/2024 001050976233	B	30,000.000	1.0000		- 30,000	30,000	
12/30/2024 001050976233	B	229.130	1.0000		- 229	229	
12/31/2024 001050976231	B	311.880	1.0000		- 312	312	
12/31/2024 001050976232	B	4,473.500	1.0000		- 4,474	4,474	
12/31/2024 001050976233	B	97.200	1.0000		- 97	97	
Total For Buys				0	21,597,804	21,597,804	0
01/02/2024 001050976232	S	- 285,658.410	1.0000		285,658	285,658	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 421 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
01/04/2024 001050976233	S	- 531,247.000	1.0000		531,247	531,247	
01/10/2024 001050976232	S	- 103,512.000	1.0000		103,512	103,512	
01/17/2024 001050976231	S	- 225,000.000	1.0000		225,000	225,000	
01/17/2024 001050976233	S	- 43,972.000	1.0000		43,972	43,972	
01/18/2024 001050976233	S	- 41,795.920	1.0000		41,796	41,796	
01/19/2024 001050976231	S	- 70,424.940	1.0000		70,425	70,425	
01/22/2024 001050976233	S	- 1,000.000	1.0000		1,000	1,000	
01/23/2024 001050976232	S	- 33,494.230	1.0000		33,494	33,494	
01/29/2024 001050976230	S	- 3,455.860	1.0000		3,456	3,456	
01/29/2024 001050976231	S	- 326.500	1.0000		327	327	
01/29/2024 001050976232	S	- 1,930.940	1.0000		1,931	1,931	
01/29/2024 001050976233	S	- 1,819.500	1.0000		1,820	1,820	
02/01/2024 001050976233	S	- 150,257.400	1.0000		150,257	150,257	
02/05/2024 001050976232	S	- 12,900.000	1.0000		12,900	12,900	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 422 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
02/07/2024 001050976233	S	- 1,000.000	1.0000		1,000	1,000	
02/12/2024 001050976232	S	- 25,851.910	1.0000		25,852	25,852	
02/12/2024 001050976233	S	- 66,672.000	1.0000		66,672	66,672	
02/14/2024 001050976232	S	- 34,182.870	1.0000		34,183	34,183	
02/15/2024 001050976232	S	- 159,882.300	1.0000		159,882	159,882	
02/15/2024 001050976233	S	- 466.400	1.0000		466	466	
02/15/2024 001050976233	S	- 185,595.910	1.0000		185,596	185,596	
02/27/2024 001050976230	S	- 500,000.000	1.0000		500,000	500,000	
03/01/2024 001050976233	S	- 151,127.890	1.0000		151,128	151,128	
03/04/2024 001050976232	S	- 13,020.030	1.0000		13,020	13,020	
03/04/2024 001050976233	S	- 729.210	1.0000		729	729	
03/07/2024 001050976232	S	- 52,343.000	1.0000		52,343	52,343	
03/07/2024 001050976233	S	- 18,071.000	1.0000		18,071	18,071	
03/20/2024 001050976232	S	- 19,195.380	1.0000		19,195	19,195	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 423 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
03/20/2024 001050976232	S	- 3,379.000	1.0000		3,379	3,379	
03/21/2024 001050976233	S	- 25,561.000	1.0000		25,561	25,561	
03/22/2024 001050976232	S	- 159,796.210	1.0000		159,796	159,796	
03/25/2024 001050976230	S	- 500,000.000	1.0000		500,000	500,000	
03/25/2024 001050976232	S	- 82,929.600	1.0000		82,930	82,930	
03/26/2024 001050976232	S	- 20,746.260	1.0000		20,746	20,746	
04/01/2024 001050976233	S	- 149,714.750	1.0000		149,715	149,715	
04/03/2024 001050976233	S	- 200.280	1.0000		200	200	
04/05/2024 001050976233	S	- 495.420	1.0000		495	495	
04/09/2024 001050976232	S	- 66,782.400	1.0000		66,782	66,782	
04/09/2024 001050976233	S	- 663.200	1.0000		663	663	
04/09/2024 001050976233	S	- 497.400	1.0000		497	497	
04/10/2024 001050976232	S	- 224,928.800	1.0000		224,929	224,929	
04/15/2024 001050976232	S	- 14,239.200	1.0000		14,239	14,239	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 424 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
04/15/2024 001050976232	S	- 323,913.450	1.0000		323,913	323,913	
04/16/2024 001050976232	S	- 80.000	1.0000		80	80	
04/17/2024 001050976232	S	- 289,058.670	1.0000		289,059	289,059	
04/17/2024 001050976233	S	- 15,812.000	1.0000		15,812	15,812	
04/25/2024 001050976233	S	- 8,726.680	1.0000		8,727	8,727	
04/26/2024 001050976230	S	- 3,531.100	1.0000		3,531	3,531	
04/26/2024 001050976231	S	- 319.500	1.0000		320	320	
04/26/2024 001050976233	S	- 1,845.680	1.0000		1,846	1,846	
04/30/2024 001050976233	S	- 1,346.640	1.0000		1,347	1,347	
05/01/2024 001050976232	S	- 271,071.890	1.0000		271,072	271,072	
05/02/2024 001050976232	S	- 174,763.400	1.0000		174,763	174,763	
05/03/2024 001050976233	S	- 1,334.500	1.0000		1,335	1,335	
05/06/2024 001050976232	S	- 500,000.000	1.0000		500,000	500,000	
05/08/2024 001050976232	S	- 44,756.500	1.0000		44,757	44,757	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 425 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
05/10/2024 001050976233	S	- 186.980	1.0000		187	187	
05/14/2024 001050976233	S	- 286.000	1.0000		286	286	
05/15/2024 001050976233	S	- 540.580	1.0000		541	541	
05/20/2024 001050976232	S	- 54,504.000	1.0000		54,504	54,504	
05/20/2024 001050976233	S	- 10,369.000	1.0000		10,369	10,369	
05/22/2024 001050976233	S	- 248.160	1.0000		248	248	
05/31/2024 001050976232	S	- 126,375.300	1.0000		126,375	126,375	
06/03/2024 001050976233	S	- 150,641.700	1.0000		150,642	150,642	
06/05/2024 001050976233	S	- 198.500	1.0000		199	199	
06/10/2024 001050976233	S	- 87,806.710	1.0000		87,807	87,807	
06/17/2024 001050976233	S	- 4,404.000	1.0000		4,404	4,404	
06/24/2024 001050976232	S	- 133,868.500	1.0000		133,869	133,869	
06/24/2024 001050976233	S	- 8,640.000	1.0000		8,640	8,640	
06/25/2024 001050976232	S	- 107,666.800	1.0000		107,667	107,667	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 426 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
07/01/2024 001050976233	S	- 150,097.320	1.0000		150,097	150,097	
07/03/2024 001050976232	S	- 325,000.000	1.0000		325,000	325,000	
07/03/2024 001050976233	S	- 42,650.000	1.0000		42,650	42,650	
07/10/2024 001050976230	S	- 500,000.000	1.0000		500,000	500,000	
07/10/2024 001050976233	S	- 239.630	1.0000		240	240	
07/11/2024 001050976233	S	- 62,153.340	1.0000		62,153	62,153	
07/12/2024 001050976232	S	- 500,000.000	1.0000		500,000	500,000	
07/15/2024 001050976233	S	- 89.990	1.0000		90	90	
07/17/2024 001050976233	S	- 883.930	1.0000		884	884	
07/18/2024 001050976232	S	- 21,328.000	1.0000		21,328	21,328	
07/18/2024 001050976233	S	- 327.030	1.0000		327	327	
07/26/2024 001050976230	S	- 3,526.560	1.0000		3,527	3,527	
07/26/2024 001050976231	S	- 312.500	1.0000		313	313	
07/26/2024 001050976232	S	- 2,063.580	1.0000		2,064	2,064	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 427 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
07/26/2024 001050976233	S	- 1,799.770	1.0000		1,800	1,800	
07/29/2024 001050976233	S	- 311.880	1.0000		312	312	
07/29/2024 001050976233	S	- 1,042.210	1.0000		1,042	1,042	
07/30/2024 001050976233	S	- 240.510	1.0000		241	241	
07/31/2024 001050976232	S	- 30,000.000	1.0000		30,000	30,000	
08/01/2024 001050976232	S	- 325,000.000	1.0000		325,000	325,000	
08/01/2024 001050976233	S	- 149,188.660	1.0000		149,189	149,189	
08/06/2024 001050976233	S	- 506.970	1.0000		507	507	
08/07/2024 001050976232	S	- 44.690	1.0000		45	45	
08/13/2024 001050976233	S	- 814.340	1.0000		814	814	
08/15/2024 001050976230	S	- 738,660.000	1.0000		738,660	738,660	
08/21/2024 001050976232	S	- 77,835.870	1.0000		77,836	77,836	
08/21/2024 001050976233	S	- 174.340	1.0000		174	174	
08/21/2024 001050976233	S	- 112,762.000	1.0000		112,762	112,762	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 428 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
08/23/2024 001050976230	S	- 5,099,992.280	1.0000		5,099,992 *	5,099,992	
08/23/2024 001050976232	S	- 30,578.970	1.0000		30,579	30,579	
08/27/2024 001050976232	S	- 18,370.520	1.0000		18,371	18,371	
08/27/2024 001050976232	S	- 25,000.000	1.0000		25,000	25,000	
09/03/2024 001050976233	S	- 149,321.340	1.0000		149,321	149,321	
09/10/2024 001050976233	S	- 200,000.000	1.0000		200,000	200,000	
09/11/2024 001050976232	S	- 153,031.250	1.0000		153,031	153,031	
09/12/2024 001050976232	S	- 19,266.540	1.0000		19,267	19,267	
09/12/2024 001050976233	S	- 111.480	1.0000		111	111	
09/20/2024 001050976230	S	- 3,821.690	1.0000		3,822	3,822	
09/20/2024 001050976232	S	- 596,178.310	1.0000		596,178	596,178	
09/27/2024 001050976233	S	- 100,000.000	1.0000		100,000	100,000	
09/30/2024 001050976233	S	- 1,056.510	1.0000		1,057	1,057	
10/01/2024 001050976232	S	- 166,645.560	1.0000		166,646	166,646	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 429 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
10/02/2024 001050976230	S	- 250,000.000	1.0000		250,000	250,000	
10/02/2024 001050976232	S	- 158,353.170	1.0000		158,353	158,353	
10/07/2024 001050976230	S	- 550,450.000	1.0000		550,450	550,450	
10/07/2024 001050976233	S	- 550,450.000	1.0000		550,450	550,450	
10/10/2024 001050976233	S	- 1,094.400	1.0000		1,094	1,094	
10/11/2024 001050976233	S	- 1,374.960	1.0000		1,375	1,375	
10/18/2024 001050976230	S	- 500,000.000	1.0000		500,000	500,000	
10/18/2024 001050976232	S	- 27,618.000	1.0000		27,618	27,618	
10/22/2024 001050976230	S	- 600,000.000	1.0000		600,000	600,000	
10/23/2024 001050976233	S	- 9,932.000	1.0000		9,932	9,932	
10/28/2024 001050976230	S	- 3,831.790	1.0000		3,832	3,832	
10/28/2024 001050976231	S	- 312.500	1.0000		313	313	
10/28/2024 001050976232	S	- 53,710.950	1.0000		53,711	53,711	
10/28/2024 001050976233	S	- 5,309.830	1.0000		5,310	5,310	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 430 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
10/28/2024 001050976233	S	- 1,000.000	1.0000		1,000	1,000	
11/01/2024 001050976232	S	- 325,000.000	1.0000		325,000	325,000	
11/01/2024 001050976233	S	- 36,709.330	1.0000		36,709	36,709	
11/08/2024 001050976233	S	- 17,070.000	1.0000		17,070	17,070	
11/15/2024 001050976233	S	- 252.720	1.0000		253	253	
11/19/2024 001050976230	S	- 410,200.980	1.0000		410,201	410,201	
11/19/2024 001050976232	S	- 339,799.020	1.0000		339,799	339,799	
11/22/2024 001050976230	S	- 500,000.000	1.0000		500,000	500,000	
11/27/2024 001050976233	S	- 100,000.000	1.0000		100,000	100,000	
12/02/2024 001050976233	S	- 96,111.440	1.0000		96,111	96,111	
12/04/2024 001050976232	S	- 37,500.000	1.0000		37,500	37,500	
12/06/2024 001050976232	S	- 125,400.250	1.0000		125,400	125,400	
12/11/2024 001050976230	S	- 750,000.000	1.0000		750,000	750,000	
12/11/2024 001050976233	S	- 137,084.620	1.0000		137,085	137,085	

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56--12-B -66C-008-01
0403 -19-03770-01

PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
Schedule H, line 4j - Schedule of Reportable Transactions
Year Ended December 31, 2024
#38-1281105 Plan 002



PARK-OHIO- CONSOLIDATED MGMT ACCTS
ACCOUNT 001050976234

Page 431 of 431
Period from January 1, 2024 to December 31, 2024

FORM 5500 - REPORTABLE TRANSACTION SCHEDULE (continued)

DATE	BOUGHT/ SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
12/16/2024 001050976233	S	- 31,155.000	1.0000		31,155	31,155	
12/18/2024 001050976233	S	- 2,362.950	1.0000		2,363	2,363	
12/19/2024 001050976233	S	- 84,165.000	1.0000		84,165	84,165	
Total For Sells				0	21,623,843	21,623,843	0
Total First Am Govt Ob Fd Cl Z				0	43,221,647	43,221,647	0
GRAND TOTAL				0	48,285,739	48,037,970	247,769

CATEGORY 4 - SINGLE TRANSACTION WITH ONE BROKER EXCEEDS 5% OF VALUE
NO TRANSACTIONS QUALIFIED FOR THIS SECTION



PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
 Schedule H, line 4j - Schedule of Reportable Transactions
 Year Ended December 31, 2024

#38-128 TRUST BANK PENSION PL
 ACCOUNT NUMBER: 900147
 REPORTING PERIOD: 12/31/23 TO 12/31/24
 PAGE : 114

TRUST BANK

SCHEDULE OF REPORTABLE 5% TRANSACTIONS
 BY ISSUE
 COMPUTED ON A 12/31/23 VALUE OF \$22,208.20

TRADE DATE	SHARES/PV	PURCHASE/SALE PRICE	TRANSACTION EXPENSE	PURCHASE/SALE PROCEEDS	COST/ADJUSTED HISTORICAL COST
SCHWAB BANK SAVINGS TICKER: 3016CSBSA					
1/ 2/24				2,162.30	
1/ 3/24			0.00	16,552.48	
1/ 5/24			0.00	-500,000.00	
1/ 8/24			0.00	187.45	
1/ 9/24			0.00	21,352.46	
1/11/24			0.00	1,158.57	
1/16/24			0.00	-101.60	
1/22/24			0.00	4,711.55	
1/31/24			0.00	-712.36	
2/ 1/24			0.00	1,788.17	
2/ 2/24			0.00	2,200.55	
2/ 6/24			0.00	29,839.83	
2/12/24			0.00	1,073.79	
2/20/24			0.00	2,578.74	
2/22/24			0.00	3,822.04	
2/29/24			0.00	-701.66	
3/ 1/24			0.00	1,790.27	
3/ 4/24			0.00	10,991.15	
3/ 5/24			0.00	403.76	
3/ 6/24			0.00	18,903.61	
3/ 7/24			0.00	9,525.96	
3/ 8/24			0.00	93,536.45	
3/14/24			0.00	25,785.09	
3/26/24			0.00	11,108.18	
3/27/24			0.00	1,788.60	
3/28/24			0.00	30,508.90	
3/28/24			0.00	-478.79	
4/ 1/24			0.00	1,788.68	
4/ 2/24			0.00	68,979.22	
4/ 3/24			0.00	32,671.32	
4/ 4/24			0.00	27,756.12	
4/ 5/24			0.00	10,445.34	
4/10/24			0.00	125.75	
4/12/24			0.00	5,029.46	
4/15/24			0.00	15,759.27	
4/17/24			0.00	14,657.13	
4/25/24			0.00	8,268.75	
4/26/24			0.00	7,098.82	
4/30/24			0.00	-165.23	
5/ 1/24			0.00	2,415.64	
5/ 2/24			0.00	37,040.29	
5/ 7/24			0.00	-500,000.00	
5/ 8/24			0.00	134,729.35	
5/ 9/24			0.00	7,705.82	
5/15/24			0.00	13,787.88	
5/20/24			0.00	10,568.34	
5/28/24			0.00	10.43	
5/31/24			0.00	-476.88	
6/ 3/24			0.00	2,216.94	
6/ 4/24			0.00	182,640.76	
6/ 5/24			0.00	129,069.26	
6/ 7/24			0.00	13,328.72	
6/14/24			0.00	1,819.99	
6/26/24			0.00	294.00	



PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
 Schedule H, line 4j - Schedule of Reportable Transactions
 Year Ended December 31, 2024

#38-128 PARK-OHIO INDUSTRIES, INC. & SUBS. PENSION PL
 ACCOUNT NUMBER: 900147
 REPORTING PERIOD: 12/31/23 TO 12/31/24
 PAGE : 115

TRUST BANK

SCHEDULE OF REPORTABLE 5% TRANSACTIONS
 COMPUTED ON A 12/31/23 VALUE OF \$22,288.20

TRADE DATE	SHARES/PV	PURCHASE/SALE PRICE	TRANSACTION EXPENSE	PURCHASE/SALE PROCEEDS	COST/ADJUSTED HISTORICAL COST
6/28/24		DEPOSIT	0.00	-71.60	
7/1/24		WITHDRAWAL	0.00	2,271.09	
7/11/24		WITHDRAWAL	0.00	1,029.10	
7/16/24		DEPOSIT	0.00	-500,000.00	
7/17/24		WITHDRAWAL	0.00	175,024.29	
7/18/24		WITHDRAWAL	0.00	974.37	
7/23/24		WITHDRAWAL	0.00	8,134.96	
7/31/24		DEPOSIT	0.00	-290.96	
8/1/24		WITHDRAWAL	0.00	10,780.95	
8/2/24		WITHDRAWAL	0.00	40,771.52	
8/12/24		WITHDRAWAL	0.00	6,935.87	
8/13/24		WITHDRAWAL	0.00	58.47	
8/15/24		WITHDRAWAL	0.00	19,345.26	
8/19/24		WITHDRAWAL	0.00	9,105.47	
8/21/24		WITHDRAWAL	0.00	567.44	
8/28/24		WITHDRAWAL	0.00	3,065.91	
8/30/24		DEPOSIT	0.00	-405.23	
9/3/24		WITHDRAWAL	0.00	2,363.36	
9/4/24		WITHDRAWAL	0.00	182,338.61	
9/5/24		WITHDRAWAL	0.00	21,090.74	
9/9/24		DEPOSIT	0.00	-4,151.78	
9/11/24		WITHDRAWAL	0.00	1,830.24	
9/13/24		WITHDRAWAL	0.00	250.00	
9/18/24		WITHDRAWAL	0.00	4,725.04	
9/19/24		WITHDRAWAL	0.00	13,308.33	
9/23/24		DEPOSIT	0.00	-600,000.00	
9/24/24		WITHDRAWAL	0.00	16,279.12	
9/30/24		DEPOSIT	0.00	-327.51	
10/1/24		WITHDRAWAL	0.00	2,439.60	
10/2/24		DEPOSIT	0.00	-3,222.85	
10/2/24		WITHDRAWAL	0.00	213,292.80	
10/3/24		WITHDRAWAL	0.00	93,752.12	
10/4/24		WITHDRAWAL	0.00	20,287.31	
10/8/24		WITHDRAWAL	0.00	51,730.14	
10/9/24		WITHDRAWAL	0.00	85,315.52	
10/10/24		WITHDRAWAL	0.00	102,941.67	
10/11/24		WITHDRAWAL	0.00	10,035.46	
10/16/24		WITHDRAWAL	0.00	9,204.95	
10/21/24		WITHDRAWAL	0.00	2,361.91	
10/24/24		DEPOSIT	0.00	-600,000.00	
10/25/24		WITHDRAWAL	0.00	126,961.68	
10/28/24		WITHDRAWAL	0.00	52,874.32	
10/29/24		WITHDRAWAL	0.00	48,034.44	
10/30/24		WITHDRAWAL	0.00	22,785.90	
10/31/24		DEPOSIT	0.00	-306.53	
11/1/24		WITHDRAWAL	0.00	2,363.36	
11/5/24		WITHDRAWAL	0.00	64,812.68	
11/6/24		WITHDRAWAL	0.00	50,085.86	
11/7/24		WITHDRAWAL	0.00	128,925.88	
11/8/24		WITHDRAWAL	0.00	54,214.57	
11/12/24		WITHDRAWAL	0.00	16,038.90	
11/15/24		WITHDRAWAL	0.00	25,222.60	
11/19/24		WITHDRAWAL	0.00	-22.00	
11/20/24		DEPOSIT	0.00	-750,000.00	
11/21/24		WITHDRAWAL	0.00	136,194.63	
11/22/24		WITHDRAWAL	0.00	6,354.88	
11/27/24		WITHDRAWAL	0.00	141,190.99	
11/29/24		WITHDRAWAL	0.00	3,263.40	



PARK-OHIO INDUSTRIES, INC. AND SUBSIDIARIES PENSION PLAN
 Schedule H, line 4j - Schedule of Reportable Transactions
 Year Ended December 31, 2024

#38-128 PARK-OHIO INDUSTRIES, INC. & SUBS PENSION PL
 ACCOUNT NUMBER: 900147
 REPORTING PERIOD: 12/31/23 TO 12/31/24
 PAGE : 116

TRUST BANK

SCHEDULE OF REPORTABLE 5% TRANSACTIONS
 COMPUTED ON A 12/31/23 VALUE OF \$22,208.20

TRADE DATE	SHARES/PV	PURCHASE/SALE PRICE	TRANSACTION EXPENSE	PURCHASE/SALE PROCEEDS	COST/ADJUSTED HISTORICAL COST
11/29/24		DEPOSIT	0.00	-403.64	
12/ 3/24		WITHDRAWAL	0.00	326,675.56	
12/ 4/24		WITHDRAWAL	0.00	19,033.99	
12/ 5/24		WITHDRAWAL	0.00	87,602.41	
12/10/24		WITHDRAWAL	0.00	18,902.80	
12/12/24		DEPOSIT	0.00	-750,000.00	
12/12/24		WITHDRAWAL	0.00	15,435.66	
12/13/24		WITHDRAWAL	0.00	13,770.81	
12/16/24		WITHDRAWAL	0.00	139,428.52	
12/17/24		WITHDRAWAL	0.00	37,952.04	
12/18/24		WITHDRAWAL	0.00	76,504.99	
12/19/24		WITHDRAWAL	0.00	57,975.37	
12/23/24		WITHDRAWAL	0.00	2,370.07	
12/24/24		WITHDRAWAL	0.00	23,870.54	
12/26/24		WITHDRAWAL	0.00	16,899.72	
12/31/24		DEPOSIT	0.00	-548.79	
				8,059,640.78	

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SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26a Schedule of Active Participant Data as of January 1, 2024

Attained Age	Under 1		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40 & Over		Total
	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	
Under 25	65	23,430	59	42,896	0		0		0		0		0		0		0		0		124
25-29	91	24,656	109	50,485	6		0		0		0		0		0		0		0		206
30-34	93	29,401	114	57,376	26	63,569	3		0		0		0		0		0		0		236
35-39	71	31,841	88	58,532	44	71,209	25	87,703	0		0		0		0		0		0		228
40-44	56	29,829	96	60,547	49	63,098	47	80,569	2		1		0		0		0		0		251
45-49	78	37,264	115	61,792	73	66,984	71	80,451	1		3		0		0		0		0		341
50-54	67	40,094	89	68,388	67	69,134	104	91,893	4		3		2		0		0		0		336
55-59	62	43,836	78	62,589	90	75,449	136	85,876	2		5		0		1		0		0		374
60-64	31	40,762	82	61,632	75	68,170	150	92,211	1		3		3		8		1		0		354
65-69	9		27	67,637	26		106	82,080	1		1		0		0		0		1		171
70 & over	7		6		13		50	65,543	0		0		1		0		0		0		77
Total	630		863		469		692		11		16		6		9		1		1		2,698

¹ Age and service for purposes of determining category are based on exact (not rounded) values.
Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26a

Schedule of Active Participant Data for Cash Balance Plans as of January 1, 2024

Attained Age	Under 1		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40 & Over		Total
	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	
Under 25	65	411	59	1,719	0		0		0		0		0		0		0		0		124
25-29	91	596	109	2,571	6		0		0		0		0		0		0		0		206
30-34	93	655	114	2,886	26	9,660	3		0		0		0		0		0		0		236
35-39	71	702	88	3,363	44	10,387	25	21,175	0		0		0		0		0		0		228
40-44	56	636	96	3,836	48	10,122	47	20,518	0		0		0		0		0		0		247
45-49	78	951	115	3,969	73	11,104	71	21,134	0		0		0		0		0		0		337
50-54	67	847	89	4,172	67	11,122	102	25,182	0		0		0		0		0		0		325
55-59	62	1,318	78	4,005	90	12,073	134	24,654	0		0		0		0		0		0		364
60-64	30	931	82	3,928	74	12,006	150	27,332	0		0		0		0		0		0		336
65-69	9		27	4,233	26	15,711	105	25,786	0		0		0		0		0		0		167
70 & over	7		6		13		50	22,180	0		0		0		0		0		0		76
Total	629		863		467		687		0		0		0		0		0		0		2,646

² Age and service for purposes of determining category are based on exact (not rounded) values.

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
 EIN / PN: 34-6520107/002
 Plan Sponsor: Park Ohio Industries, Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V Statement of Actuarial Assumptions/Methods

Economic Assumptions

Discount Rate for funding:

Interest rate basis:

- Applicable month January 2024
- Yield curve basis 3-Segment Rates

Interest rates:

	Reflecting Stabilization	Not Reflecting Stabilization
--	---------------------------------	-------------------------------------

Annual rates of increase:

- Future increases in social security N/A
- Cash Balance Interest Credit Rate 4.00%
- Compensation increase 3.00%

Rates not reflecting stabilization are used to determine PBGC variable rate premiums if the alternative method is used, and are used to determine the PBGC FTAP and the PBGC 4010 FS.

Future increases in maximum benefits and plan compensation/salary limitations

It is assumed that maximum benefit and plan compensation limitations under the Internal Revenue Code will not increase in the future for funding purposes.

Plan-Related Expenses

The amount included for plan-related expenses in the valuation year equals the amount of administrative expenses paid from the trust in the prior year. Under this assumption, the amount included for 2024 is \$774,901.

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Demographic Assumptions

Mortality:

- Healthy mortality rates

For funding purposes:

Separate rates for non-annuitants and annuitants based on Pri-2012 “Employees” and “Healthy Annuitants” (participants and beneficiaries combined) tables, respectively, without collar or amount adjustments and then projected forward with a generational projection as specified in the regulations under §1.430(h)(3)-1 using the IRS adjusted Scale MP-2021 (i.e., MP-2021 with no mortality improvement for 2020-2023 and future mortality improvement capped at 0.78% for years after 2024).

For ASC 960 purposes:

Base Mortality Table (Male Table used for males; Female Table used for females)

1. Base table: Pri-2012
2. Base mortality table year: 2012
3. Table type: Blue Collar
4. Healthy or Disabled: Healthy
5. Table weighting: Headcount
6. Blending of annuitants and non-annuitants: Separate rates for annuitants and non-annuitants
7. Blending of retirees and contingent annuitants: Combined non-disabled annuitant mortality

Mortality Improvement Scale (Male Table used for males; Female Table used for females):

1. Base scale: MP-2021
2. Projection Type: Generational
3. Convergence period adjustment: N/A
4. Ultimate mortality improvement rate adjustment: N/A
5. Pattern during convergence period adjustment: N/A

- Disabled life mortality rates

For funding purposes:

Alternative disabled life mortality tables as defined under Revenue Ruling 96-7.

For ASC 960 purposes:

Base Mortality Table (Male Table used for males; Female Table used for females)

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

1. Base table: Pri-2012
2. Base mortality table year: 2012
3. Table type: No Collar
4. Healthy or Disabled: Disabled
5. Table weighting: Headcount
6. Blending of annuitants and non-annuitants: N/A
7. Blending of retirees and contingent annuitants: N/A

Mortality Improvement Scale (Male Table used for males; Female Table used for females):

1. Base scale: MP-2021
2. Projection Type: Generational
3. Convergence period adjustment: N/A
4. Ultimate mortality improvement rate adjustment: N/A
5. Pattern during convergence period adjustment: N/A

Retirement

Former Castle Rubber Plan

Assumed retirement age is 55 for deferred vested participants with 20 years of service; age 65 for all others.

Former Metalloy Plan

Age(s)	Reduced Benefits	Unreduced Benefits
55-60	1%	1%
61	7	8
62	13	20
63	14	16
64	2	6
65-69	45	45
70	100	100

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

*Former Bennett, RB&W Cleveland,
RB&W Hourly, and Industrial
Fasteners Plans*

It was assumed that participants will retire upon becoming eligible for normal retirement.

Cash Balance Plan

Attained Age	Annual Rate of Retirement
60-61	5%
62-64	12
65	18
66-70	25
71 & Older	100

Retirement rates for the cash balance plan are based on an experience study conducted in 2018, with annual consideration of whether any conditions have changed that would be expected to produce different results in the future.

Former Crankshaft Plan

Attained Age	Annual Rate of Retirement
55-59	2%
60	10
61	2
62	50
63	20
64	25
65	90
66 & Older	100

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Former Canton Drop Forge Plan

Age	Percentage retiring during the year		
	Years of Service		
	Less than 25	25 – 30	More than 30
55	0%	0%	3%
56	0	0	3
57	0	0	3
58	0	0	5
59	0	0	5
60	2	15	15
61	3	15	15
62	10	35	40
63	5	15	20
64	5	15	20
65	75	75	75
66	50	50	50
67	50	50	50
68	50	50	50
69	50	50	50
70	100	100	100

Disability rates

Former Crankshaft Plan

Wyatt 1985 Disability Study Class 1 male and female rates.

Former Bennett, RB&W Cleveland, RB&W Hourly, Castle Rubber, and Industrial Fasteners Plans

Not applicable.

Cash Balance Plan

Disability incidence is included in the termination assumption.

Former Metalloy Plan

100% of Table S-10 of the 11th Railroad Retirement Board Valuation (modified). Sample rates and ages are as follows:

Age(s)	Rate
25	0.06%
40	0.12%
55	1.07%

Former Canton Drop Forge Plan

Wyatt 1985 Disability Study, Class 3 male table. Sample rates at which participants become disabled by age are shown below:

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
 EIN / PN: 34-6520107/002
 Plan Sponsor: Park Ohio Industries, Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Percentage becoming disabled during the year	
Age	Rates
25	0.218%
40	0.597
55	2.118

Termination (not due to disability or retirement) rates

Cash Balance Plan

Society of Actuaries' Combined Select termination table for ages 21 to 59. Termination table rate selection is based on an experience study conducted in 2018 with annual consideration of whether any conditions have changed that would be expected to produce different results in the future. The following rates are illustrative:

Attained Age	Annual Rate of Withdrawal
25	20.69%
30	14.78
35	11.99
40	11.09
45	9.98
50	9.12
55	7.11

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

<i>Former Metalloy Plan</i>	Attained Age	Annual Rate of Withdrawal
	25	16.47%
	35	7.34
	40	5.51
	45	3.67
	55	0.00

Former Industrial Fasteners and Crankshaft Plans

The valuation includes Plan participants only, for whom a moderate rate of withdrawal has been assumed. The following rates are illustrative:

Attained Age	Annual Rate of Withdrawal	
	Males	Females
20	.1495	.2496
25	.0994	.1495
30	.0691	.0994
35	.0488	.0691
40	.0282	.0488
45	.0167	.0282
50	.0040	.0167
55	Nil	.0040

Former Bennett, RB&W Cleveland, RB&W Hourly, and Castle Rubber Plans

Not applicable.

Former Canton Drop Forge Plan

Based on age and years of service. The following rates are illustrative:

Attained Age	Percentage leaving during the year			
	Years of Service			
	0	5	10	15+
25	25.22%	8.22%	8.22%	8.00%
35	25.43	5.43	5.43	5.00
40	25.60	4.10	4.10	3.50
45	25.83	2.83	2.83	2.00
55	27.12	2.12	2.12	0.00

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
 EIN / PN: 34-6520107/002
 Plan Sponsor: Park Ohio Industries, Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Additional Assumptions

Inclusion date The valuation date coincident with or next following the date on which the employee is hired. For cash balance participants, covered employees may participate in the Plan after attaining age 21 and 30 days of Eligibility Service.

Form of payment For valuation purposes, participants from the various former plans are assumed to elect the normal form, which is a single-life annuity. Participants in the cash balance plan are assumed to elect the lump sum form.

Marriage For purposes of valuing the pre-retirement surviving spouse's benefit, 85% of eligible male participants are assumed to be married and 50% of eligible female participants are assumed to be married (60% of males and 40% of females for the former Pension Plan for Certain Hourly-Rate Employees of Canton Drop Forge). Male participants are assumed to be three years older than their spouses and female participants are assumed to be three years younger than their spouses. For the cash balance plan, all pre-retirement deaths are assumed to result in a lump sum payment.

Employees It was assumed that there will be no new or rehired employees.

Benefit commencement date:

- Retirement benefit Those benefiting under the cash balance formula:
 - For actives under 60, 60% receive their benefit as a lump sum immediately upon termination, the remaining 40% defer their lump sum benefit to age 65
 - For actives over 60, 100% receive their benefit as a lump sum immediately upon termination.
 - Employees who terminate due to the GAMCO divestiture are assumed to commence payment immediately in 2024.

All other participants are assumed to commence their benefit upon retirement.

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

- **Deferred vested benefit** Current deferred vested participants with a cash balance benefit are assumed to defer commencement until age 65.

All other participants are assumed to defer payment until the later of age 65 or termination of employment.
- **Preretirement death benefit** For the Former Pension Plan for Certain Hourly-Rate Employees of Canton Drop Forge, the later of the death of the active participant or the date the participant would have attained age 65
- **Disability benefit** Upon disablement

Timing of benefit payments Annuity payments are payable monthly at the beginning of the month and lump sum payments are payable on the date of decrement.

Decrement Timing Model Rounded Middle of Year – All decrements are assumed to occur at the middle of the year to approximate the pattern of decrements that occur throughout the year. In addition, eligibility for benefits, commencement and cessation of benefits, and other commencement factors will reflect the middle of the year timing.

Amount and timing of contributions Contributions are assumed to be made on the last day required to meet quarterly and minimum funding requirements.

Methods

Census date/measurement date The measurement date is January 1, 2024. For purposes of determining benefit obligations as of the measurement date, participant data as of the census date, January 1, 2024, are used.

Funding target Present value of accrued benefits.

Target Normal Cost Present value of benefits expected to accrue during the plan year plus plan-related expenses expected to be paid from plan assets during the plan year.

Asset method For funding purposes, the average of the fair market value of assets on the valuation date and 12 and 24 months preceding the valuation date, adjusted for contributions, benefits, administrative expenses and expected earnings 7.75% for both 2022 and 2023 (with such expected

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

earnings limited as described in IRS Notice 2009-22, equivalent to 5.92% for 2022 and 5.74% for 2023). The average asset value must be within 10% of market value, including discounted contributions receivables (discounted using the effective interest rate for the prior plan year).

The method of computing the actuarial value of assets complies with rules governing the calculation of such values under the Pension Protection Act of 2006 (PPA). These rules produce smoothed values that reflect the underlying market value of plan assets but fluctuate less than the market value. As a result, the actuarial value of assets will be lower than the market value in some years and greater in other years. However, over the long term under PPA's smoothing rules, the method is more likely to produce an actuarial value of assets that is below the market value of assets.

Tax Policy

The actuarial valuation performed for the plan year ending December 31, 2023 is used to determine the maximum deductible contribution for the tax year ending December 31, 2023.

Benefits not included in valuation

All benefits described in the Plan Provisions section of this report were valued based on discussions with the plan sponsor regarding the likelihood that these benefits will be paid. WTW has reviewed the plan provisions with the plan sponsor and, based on that review, is not aware of any significant benefits required to be valued that were not.

Sources of Data and Other Information

Participant data was supplied electronically via a secure data site as of January 1, 2024 by Park-Ohio Industries, Inc. while data on cash balance participants was supplied by Schwab. Information about the fair value of plan assets was furnished to us by the Company and the Plan's trustees. Data were reviewed for reasonableness and consistency, but no audit was performed. Based on discussions with the plan sponsor, assumptions or estimates were made when data were not available, and the data was adjusted to reflect any significant events that occurred between the date the data was collected and the measurement date.

For a portion of the cash balance population ("Special Class Population"), the administrator was unable to provide updated participant information and account balances as of January 1, 2024. WTW assessed the plan eligibility for that portion of the population and calculated the estimated balances based on the most recently available balance and payroll data provided by Park-Ohio Industries, and the plan's interest crediting rate provision.

In lieu of being provided cash balance participant and balance information as of January 1, 2024 directly from Schwab and ADP for the Special Class Population, WTW was asked to consolidate several sources of information from Schwab and Park-Ohio to arrive at the eligible cash balance population and balance

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

amounts as of January 1, 2024. This approach, described further below, was proposed by Schwab, the plan's cash balance administrator, and approved by Park-Ohio.

- "Special Class Population": provided by Schwab containing the most recently valued balance for potentially eligible participants under the amended eligibility provisions effective October 1, 2022. Including the most recently valued balance for this population, as of various dates.
- Based on WTW's determination of the eligible population as of January 1, 2023 (further described in our report for the 2023 actuarial funding valuation dated September 30, 2023), cash balance census data as of January 1, 2022 and Park-Ohio payroll information for 2023 was used to determine participant statuses as of January 1, 2024.
- Starting balances: based on WTW's determination of participant balances as of January 1, 2023 (further described in our report for the 2023 actuarial funding valuation dated September 30, 2023).
- Compensation and pay credits earned during 2023: For nearly all Special Class Population participants, quarterly pay credits were provided by Schwab. For records where no Cash Balance Pay Credit was provided, WTW calculated pay credits using Park-Ohio quarterly payroll information.
- Plan Eligibility: based on WTW's assessment of plan eligibility as of January 1, 2023 (further described in our report for the 2023 actuarial funding valuation dated September 30, 2023), and any new entrants and decrements during 2023 (vested and nonvested withdrawals) as identified in Park-Ohio's quarterly payroll information detailing employment history (e.g., date of hire and date of termination)

Additionally, for cash balance participants hired or rehired in 2023, and therefore only having earned a partial year of pay, an assumed annual plan compensation of \$56,000 was used for projecting future compensation. This amount reflects the average plan compensation earned in 2023 by cash balance participants hired or rehired in 2022 and active as of the measurement date.

For cash balance participants without 2023 compensation and who were identified as active and eligible as of January 1, 2024, an assumed annual plan compensation of \$70,000 was used for projecting future compensation. This amount reflects the average plan compensation earned in 2023 by cash balance participants who are active as of January 1, 2024.

We are not aware of any further errors or omissions in the data that would have a significant effect on the results of our calculations.

Assumptions Rationale - Significant Economic Assumptions

Discount rate For funding purposes, the basis chosen was selected by the plan sponsor from among choices prescribed by law, all of which are based on observed market data over certain periods of time.

Expected return on plan assets We understand that the expected return on assets assumption reflects the plan sponsor's estimate of future experience for trust asset returns,

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

reflecting the plan's current asset allocation and any expected changes during the current plan year, current market conditions and the plan sponsor's expectations for future market conditions. WTW's determination that the expected long-term return on assets does not significantly conflict with what would be reasonable is informed by WTW's Expected Return Estimator model.

Cash balance interest crediting rate

The plan credits interest to cash balance accounts using the 1-year Treasury constant maturities rate, with a minimum interest credit rate of 3.00% and a maximum of 7.00%. The Company's expectation of future 1-year Treasury constant maturity rates, after reflecting the 3.00% minimum and 7.00% maximum rate, gives an expected long-term interest crediting rate of 4.00%. We believe the cash balance interest crediting rate is reasonable based on a combination of market conditions at the measurement date and future expectations consistent with other economic assumptions used, other than the discount rate.

Rate of increase in Compensation

Assumed increases were chosen by the plan sponsor and represent an estimate of future experience, based on the Company's long-term expectation and an informal review of recent actual experience.

Plan-related expenses

Administrative expenses are estimated by determining the actual expenses paid from the trust the preceding year. The expected return on assets is assumed to be net of investment expenses.

Assumptions Rationale - Significant Demographic Assumptions

Healthy Mortality

Assumptions used for funding purposes are as prescribed by IRC §430(h).

Disabled Mortality

Assumptions used for funding purposes are as prescribed by IRC §430(h).

Termination

The assumed termination rates for participants in the cash balance formula are based on the results of an experience study conducted in 2018 for the experience period January 1, 2013 to December 31, 2017.

Termination rates for other employee groups were selected by the plan sponsor based on a published table for pension participants believed to have similar characteristics to the plan population. Gains and losses caused by termination patterns different than assumed are observed and monitored. Therefore, we believe this assumption does not significantly conflict with what would be reasonable.

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Assumed termination rates differ by age and gender because of observed differences in termination rates by age and gender.

Retirement

The assumed retirement rates for participants in the cash balance formula are based on the results of an experience study conducted in 2018 for the experience period January 1, 2013 to December 31, 2017. Therefore, we believe this assumption does not significantly conflict with what would be reasonable.

Retirement rates for other employee groups are based on plan sponsor expectations for the future with periodic monitoring of observed gains and losses caused by retirement patterns different than assumed.

Retirement rates differ by eligibility for unreduced retirement benefits because of the expected effects the availability of these benefits have on retirement rates.

Benefit commencement date

Benefit commencement timing for the cash balance plan is based on an experience study conducted in 2018, with annual consideration of whether any conditions have changed that would be expected to produce different results in the future.

Benefit commencement date assumptions for other employee groups are based on plan sponsor expectations for the future with periodic monitoring of observed gains and losses caused by retirement patterns different than assumed. Therefore, we believe this assumption does not significantly conflict with what would be reasonable.

Source of Prescribed Methods

Funding methods

The methods used for funding purposes as described in Appendix A, including the method of determining plan assets, are “prescribed methods set by law”, as defined in the actuarial standards of practice (ASOPs). These methods are required by IRC §430, or were selected by the plan sponsor from a range of methods permitted by IRC §430.

Changes in Assumptions, Methods, and Estimation Techniques

Changes in assumptions since prior valuation

- The segment interest rates used to calculate the funding target and target normal cost were updated to the current valuation date as required by IRC §430.
- The mortality table used to calculate the funding target and target normal cost was changed from using a static projection of mortality improvement to a generational projection as required by IRS under IRC §430.

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

- Cash Balance employees who terminate due to the GAMCO divestiture are assumed to commence payment immediately in 2024.
- Assumed plan-related expenses were updated from \$739,602 for the 2023 plan year to \$774,901 for the 2024 plan year.

Change in methods since prior valuation

None.

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

Plan Name	Park Ohio Industries and Subsidiaries Pension Plan
Plan Sponsor EIN	34-6520107
ERISA Plan #	002
Plan Year Ending	12/31/2024

The required attachment marked with an "X" in the Attachment column is included within the Accountant's Opinion attachment to Sch. H, Part III, Line 3, which consists of the entire audit report issued by the plan's Independent Qualified Public Accountant (IQPA).

Form/Schedule	Line #	Description	Attachment
5500 Sch. H	Line 3	Financial statements used in formulating the IQPA's opinion	X
5500 Sch. H	Line 4a	Schedule of Delinquent Participant Contributions	
5500 Sch. H	Line 4i	Schedule of Assets (Held at End of Year)	X
5500 Sch. H	Line 4i	Schedule of Assets (Acquired and Disposed of Within Year)	
5500 Sch. H	Line 4j	Schedule of Reportable Transactions	X

SCHEDULE SB (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF.	<small>OMB No. 1210-0110</small> 2024 This Form is Open to Public Inspection
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For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024


▶ **Round off amounts to nearest dollar.**
 ▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan PARK OHIO INDUSTRIES AND SUBSIDIARIES PENSION PLAN	B Three-digit plan number (PN) ▶	002
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF PARK OHIO INDUSTRIES INC	D Employer Identification Number (EIN) 34-6520107	
E Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B	F Prior year plan size: <input type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input checked="" type="checkbox"/> More than 500	

Part I Basic Information

1	Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2024</u>		
2	Assets:		
	a Market value	2a	147,959,524
	b Actuarial value	2b	152,100,291
3	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target
	a For retired participants and beneficiaries receiving payment	946	34,686,236
	b For terminated vested participants	1,987	11,389,630
	c For active participants	2,699	26,632,408
	d Total	5,632	72,708,274
4	If the plan is in at-risk status, check the box and complete lines (a) and (b)		
	a Funding target disregarding prescribed at-risk assumptions	4a	
	b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b	
5	Effective interest rate	5	5.10%
6	Target normal cost		
	a Present value of current plan year accruals	6a	3,914,542
	b Expected plan-related expenses	6b	774,901
	c Target normal cost	6c	4,689,443

Statement by Enrolled Actuary
 To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE	Thomas A. Poccia  Signature of actuary	October 9, 2025 Date 2308280 Most recent enrollment number 216-937-4000 Telephone number (including area code)
	Thomas A. Poccia Type or print name of actuary Willis Towers Watson US LLC Firm name 1001 Lakeside Avenue Suite 1500 Cleveland OH 44114-1172 Address of the firm	

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions

Part II		Beginning of Year Carryover and Prefunding Balances	
		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	28,038,043	105,521
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9	Amount remaining (line 7 minus line 8)	28,038,043	105,521
10	Interest on line 9 using prior year's actual return of <u>16.75%</u>	4,696,372	17,675
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		0
	b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.16%</u>		0
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
	c Total available at beginning of current plan year to add to prefunding balance		0
	d Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d - line 12)	32,734,415	123,196

Part III		Funding Percentages	
14	Funding target attainment percentage	14	161.69%
15	Adjusted funding target attainment percentage	15	206.25%
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	204.96%
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and Liquidity Shortfalls

18 Contributions made to the plan for the plan year by employer(s) and employees:

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	
Totals ▶			18(b)	0	18(c)	0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:

a Contributions allocated toward unpaid minimum required contributions from prior years.	19a	0
b Contributions made to avoid restrictions adjusted to valuation date	19b	0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	0

20 Quarterly contributions and liquidity shortfalls:

a Did the plan have a "funding shortfall" for the prior year? Yes No

b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? Yes No

c If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th

Part V Assumptions Used to Determine Funding Target and Target Normal Cost				
21 Discount rate:				
a Segment rates:	1st segment: 4.75 %	2nd segment: 4.96 %	3rd segment: 5.59%	<input type="checkbox"/> N/A, full yield curve used
b Applicable month (enter code).....				21b 0
22 Weighted average retirement age				22 66
23 Mortality table(s) (see instructions)	<input type="checkbox"/> Prescribed - combined <input checked="" type="checkbox"/> Prescribed - separate <input type="checkbox"/> Substitute			

Part VI Miscellaneous Items				
24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment..... <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
26 Demographic and benefit information				
a Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
b Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment ... <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment.....				27

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years				
28 Unpaid minimum required contributions for all prior years				28 0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a).....				29 0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)				30 0

Part VIII Minimum Required Contribution For Current Year				
31 Target normal cost and excess assets (see instructions):				
a Target normal cost (line 6c).....				31a 4,689,443
b Excess assets, if applicable, but not greater than line 31a				31b 4,689,443
32 Amortization installments:	Outstanding Balance		Installment	
a Net shortfall amortization installment	0		0	
b Waiver amortization installment	0		0	
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount				33
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)....				34 0
	Carryover balance	Prefunding balance	Total balance	
35 Balances elected for use to offset funding requirement	0	0	0	
36 Additional cash requirement (line 34 minus line 35).....				36 0
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....				37 0
38 Present value of excess contributions for current year (see instructions)				
a Total (excess, if any, of line 37 over line 36)				38a 0
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances				38b 0
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)				39 0
40 Unpaid minimum required contributions for all years				40 0

Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)				
41 If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. <input type="checkbox"/> 2019 <input type="checkbox"/> 2020 <input checked="" type="checkbox"/> 2021				

SCHEDULE SB ATTACHMENTS

Schedule SB – Statement by Enrolled Actuary

Plan Sponsor	Park Ohio Industries, Inc.
EIN/PN	34-6520107/002
Plan Name	Park Ohio Industries and Subsidiaries Pension Plan
Valuation Date	January 1, 2024
Enrolled Actuary	Thomas A. Poccia
Enrollment Number	23-08280

The actuarial assumptions that are not mandated by IRC § 430 and regulations, represent the enrolled actuary's best estimate of anticipated experience under the plan, subject to the following conditions:

The actuarial valuation, on which the information in this Schedule SB is based, has been prepared in reliance upon the employee and financial data furnished by the plan administrator and the trustee. The enrolled actuary has not made a rigorous check of the accuracy of this information but has accepted it after reviewing it and concluding it is reasonable in relation to similar information furnished in previous years. The amounts of contributions and dates paid shown in Item 18 of Schedule SB were listed in reliance on information provided by the plan administrator and/or trustee.

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 22 Description of Weighted Average Retirement Age as of January 1, 2024

The Plan's weighted average retirement age of 66 reflects the combination of results for participants from the Ohio Crankshaft division, the Canton Drop Forge division, and the cash balance portion of the plan. These results are presented below.

Determination of Weighted Average Retirement Age for Plan (Counts Based on January 1, 2024 data)

	Age	Count	Weighted Age
Crankshaft	62.30	22	0.508
Cash Balance	65.62	2,646	64.330
Canton Drop Forge	63.16	31	0.725
Total Weighted Average Retirement Age	=====>	2,699	65.56

Ohio Crankshaft Participants

See Schedule SB, Part V for retirement rates. The average retirement age for Line 22 was calculated by determining the average age at retirement for those current active participants expected to reach retirement, based on all current decrements assumed.

Age of Retirement	Rates of Retirement	% Retiring	Weighted Ages
(A)	(B)	(C)	(A)*(C)
55	2.00%	2.00%	1.1000
56	2.00%	1.96%	1.0976
57	2.00%	1.92%	1.0949
58	2.00%	1.88%	1.0918
59	2.00%	1.84%	1.0884
60	10.00%	9.04%	5.4235
61	2.00%	1.63%	0.9925
62	50.00%	39.86%	24.7150
63	20.00%	7.97%	5.0227
64	25.00%	7.97%	5.1025
65	90.00%	21.53%	13.9919
66	100.00%	2.39%	1.5786
Retirement Age =====>			62.30

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
 EIN / PN: 34-6520107/002
 Plan Sponsor: Park Ohio Industries, Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 22 Description of Weighted Average Retirement Age as of January 1, 2024 (Continued)

Cash Balance Participants

See Schedule SB, Part V for retirement rates. The average retirement age for Line 22 was calculated by determining the average age at retirement for those current active participants expected to reach retirement, based on all current decrements assumed.

Age of Retirement	Rates of Retirement	% Retiring	Weighted Ages
(A)	(B)	(C)	(A)*(C)
60	5.00%	5.00%	3.0000
61	5.00%	4.75%	2.8975
62	12.00%	10.83%	6.7146
63	12.00%	9.53%	6.0042
64	12.00%	8.39%	5.3675
65	18.00%	11.07%	7.1958
66	25.00%	12.61%	8.3213
67	25.00%	9.46%	6.3356
68	25.00%	7.09%	4.8226
69	25.00%	5.32%	3.6701
70	25.00%	3.99%	2.7925
71	100.00%	11.97%	8.4972
Retirement Age =====>			65.62

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
 EIN / PN: 34-6520107/002
 Plan Sponsor: Park Ohio Industries, Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 22 Description of Weighted Average Retirement Age as of January 1, 2024 (Continued)

Canton Drop Forge Participants

See Schedule SB, Part V for retirement rates. The average retirement age for Line 22 was calculated by determining the average age at retirement for those current active participants expected to reach retirement, based on all current decrements assumed.

Less than 25 years of service

Age of Retirement	Rates of Retirement	% Retiring	Weighted Ages
(A)	(B)	(C)	(A)*(C)
60	2.00%	2.00%	1.2000
61	3.00%	2.94%	1.7934
62	10.00%	9.51%	5.8937
63	5.00%	4.28%	2.6950
64	5.00%	4.06%	2.6008
65	75.00%	57.91%	37.6411
66	50.00%	9.65%	6.3700
67	50.00%	4.83%	3.2333
68	50.00%	2.41%	1.6408
69	50.00%	1.21%	0.8324
70	100.00%	1.21%	0.8445
Retirement Age =====>			64.75

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
 EIN / PN: 34-6520107/002
 Plan Sponsor: Park Ohio Industries, Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 22
 Description of Weighted Average Retirement Age
 as of January 1, 2024 (Continued)

Canton Drop Forge Participants

25 to 30 years of service

Age of Retirement	Rates of Retirement	% Retiring	Weighted Ages
(A)	(B)	(C)	(A)*(C)
60	15.00%	15.00%	9.0000
61	15.00%	12.75%	7.7775
62	35.00%	25.29%	15.6783
63	15.00%	7.04%	4.4380
64	15.00%	5.99%	3.8321
65	75.00%	25.45%	16.5411
66	50.00%	4.24%	2.7993
67	50.00%	2.12%	1.4208
68	50.00%	1.06%	0.7210
69	50.00%	0.53%	0.3658
70	100.00%	0.53%	0.3711
Retirement Age =====>			62.94

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
 EIN / PN: 34-6520107/002
 Plan Sponsor: Park Ohio Industries, Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 22
Description of Weighted Average Retirement Age
as of January 1, 2024 (Continued)

Canton Drop Forge Participants

More than 30 years of service

Age of Retirement	Rates of Retirement	% Retiring	Weighted Ages
(A)	(B)	(C)	(A)*(C)
55	3.00%	3.00%	1.6500
56	3.00%	2.91%	1.6296
57	3.00%	2.82%	1.6089
58	5.00%	4.56%	2.6468
59	5.00%	4.34%	2.5578
60	15.00%	12.36%	7.4132
61	15.00%	10.50%	6.4062
62	40.00%	23.80%	14.7588
63	20.00%	7.14%	4.4991
64	20.00%	5.71%	3.6564
65	75.00%	17.14%	11.1405
66	50.00%	2.86%	1.8853
67	50.00%	1.43%	0.9569
68	50.00%	0.71%	0.4856
69	50.00%	0.36%	0.2464
70	100.00%	0.36%	0.2499
Retirement Age =====>			61.79
Average Retirement Age for all Canton Drop Forge			63.16

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
 EIN / PN: 34-6520107/002
 Plan Sponsor: Park Ohio Industries, Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V Statement of Actuarial Assumptions/Methods

Economic Assumptions

Discount Rate for funding:

Interest rate basis:

- Applicable month January 2024
- Yield curve basis 3-Segment Rates

Interest rates:

	Reflecting Stabilization	Not Reflecting Stabilization
--	---------------------------------	-------------------------------------

Annual rates of increase:

- Future increases in social security N/A
- Cash Balance Interest Credit Rate 4.00%
- Compensation increase 3.00%

Rates not reflecting stabilization are used to determine PBGC variable rate premiums if the alternative method is used, and are used to determine the PBGC FTAP and the PBGC 4010 FS.

Future increases in maximum benefits and plan compensation/salary limitations

It is assumed that maximum benefit and plan compensation limitations under the Internal Revenue Code will not increase in the future for funding purposes.

Plan-Related Expenses

The amount included for plan-related expenses in the valuation year equals the amount of administrative expenses paid from the trust in the prior year. Under this assumption, the amount included for 2024 is \$774,901.

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Demographic Assumptions

Mortality:

- Healthy mortality rates

For funding purposes:

Separate rates for non-annuitants and annuitants based on Pri-2012 “Employees” and “Healthy Annuitants” (participants and beneficiaries combined) tables, respectively, without collar or amount adjustments and then projected forward with a generational projection as specified in the regulations under §1.430(h)(3)-1 using the IRS adjusted Scale MP-2021 (i.e., MP-2021 with no mortality improvement for 2020-2023 and future mortality improvement capped at 0.78% for years after 2024).

For ASC 960 purposes:

Base Mortality Table (Male Table used for males; Female Table used for females)

1. Base table: Pri-2012
2. Base mortality table year: 2012
3. Table type: Blue Collar
4. Healthy or Disabled: Healthy
5. Table weighting: Headcount
6. Blending of annuitants and non-annuitants: Separate rates for annuitants and non-annuitants
7. Blending of retirees and contingent annuitants: Combined non-disabled annuitant mortality

Mortality Improvement Scale (Male Table used for males; Female Table used for females):

1. Base scale: MP-2021
2. Projection Type: Generational
3. Convergence period adjustment: N/A
4. Ultimate mortality improvement rate adjustment: N/A
5. Pattern during convergence period adjustment: N/A

- Disabled life mortality rates

For funding purposes:

Alternative disabled life mortality tables as defined under Revenue Ruling 96-7.

For ASC 960 purposes:

Base Mortality Table (Male Table used for males; Female Table used for females)

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

1. Base table: Pri-2012
2. Base mortality table year: 2012
3. Table type: No Collar
4. Healthy or Disabled: Disabled
5. Table weighting: Headcount
6. Blending of annuitants and non-annuitants: N/A
7. Blending of retirees and contingent annuitants: N/A

Mortality Improvement Scale (Male Table used for males; Female Table used for females):

1. Base scale: MP-2021
2. Projection Type: Generational
3. Convergence period adjustment: N/A
4. Ultimate mortality improvement rate adjustment: N/A
5. Pattern during convergence period adjustment: N/A

Retirement

Former Castle Rubber Plan

Assumed retirement age is 55 for deferred vested participants with 20 years of service; age 65 for all others.

Former Metalloy Plan

Age(s)	Reduced Benefits	Unreduced Benefits
55-60	1%	1%
61	7	8
62	13	20
63	14	16
64	2	6
65-69	45	45
70	100	100

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

*Former Bennett, RB&W Cleveland,
RB&W Hourly, and Industrial
Fasteners Plans*

It was assumed that participants will retire upon becoming eligible for normal retirement.

Cash Balance Plan

Attained Age	Annual Rate of Retirement
60-61	5%
62-64	12
65	18
66-70	25
71 & Older	100

Retirement rates for the cash balance plan are based on an experience study conducted in 2018, with annual consideration of whether any conditions have changed that would be expected to produce different results in the future.

Former Crankshaft Plan

Attained Age	Annual Rate of Retirement
55-59	2%
60	10
61	2
62	50
63	20
64	25
65	90
66 & Older	100

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Former Canton Drop Forge Plan

Age	Percentage retiring during the year		
	Years of Service		
	Less than 25	25 – 30	More than 30
55	0%	0%	3%
56	0	0	3
57	0	0	3
58	0	0	5
59	0	0	5
60	2	15	15
61	3	15	15
62	10	35	40
63	5	15	20
64	5	15	20
65	75	75	75
66	50	50	50
67	50	50	50
68	50	50	50
69	50	50	50
70	100	100	100

Disability rates

Former Crankshaft Plan

Wyatt 1985 Disability Study Class 1 male and female rates.

Former Bennett, RB&W Cleveland, RB&W Hourly, Castle Rubber, and Industrial Fasteners Plans

Not applicable.

Cash Balance Plan

Disability incidence is included in the termination assumption.

Former Metalloy Plan

100% of Table S-10 of the 11th Railroad Retirement Board Valuation (modified). Sample rates and ages are as follows:

Age(s)	Rate
25	0.06%
40	0.12%
55	1.07%

Former Canton Drop Forge Plan

Wyatt 1985 Disability Study, Class 3 male table. Sample rates at which participants become disabled by age are shown below:

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
 EIN / PN: 34-6520107/002
 Plan Sponsor: Park Ohio Industries, Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Percentage becoming disabled during the year	
Age	Rates
25	0.218%
40	0.597
55	2.118

Termination (not due to disability or retirement) rates

Cash Balance Plan

Society of Actuaries' Combined Select termination table for ages 21 to 59. Termination table rate selection is based on an experience study conducted in 2018 with annual consideration of whether any conditions have changed that would be expected to produce different results in the future. The following rates are illustrative:

Attained Age	Annual Rate of Withdrawal
25	20.69%
30	14.78
35	11.99
40	11.09
45	9.98
50	9.12
55	7.11

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

	Attained Age	Annual Rate of Withdrawal
<i>Former Metalloy Plan</i>	25	16.47%
	35	7.34
	40	5.51
	45	3.67
	55	0.00

Former Industrial Fasteners and Crankshaft Plans

The valuation includes Plan participants only, for whom a moderate rate of withdrawal has been assumed. The following rates are illustrative:

Attained Age	Annual Rate of Withdrawal	
	Males	Females
20	.1495	.2496
25	.0994	.1495
30	.0691	.0994
35	.0488	.0691
40	.0282	.0488
45	.0167	.0282
50	.0040	.0167
55	Nil	.0040

Former Bennett, RB&W Cleveland, RB&W Hourly, and Castle Rubber Plans

Not applicable.

Former Canton Drop Forge Plan

Based on age and years of service. The following rates are illustrative:

Attained Age	Percentage leaving during the year			
	Years of Service			
	0	5	10	15+
25	25.22%	8.22%	8.22%	8.00%
35	25.43	5.43	5.43	5.00
40	25.60	4.10	4.10	3.50
45	25.83	2.83	2.83	2.00
55	27.12	2.12	2.12	0.00

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
 EIN / PN: 34-6520107/002
 Plan Sponsor: Park Ohio Industries, Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Additional Assumptions

Inclusion date The valuation date coincident with or next following the date on which the employee is hired. For cash balance participants, covered employees may participate in the Plan after attaining age 21 and 30 days of Eligibility Service.

Form of payment For valuation purposes, participants from the various former plans are assumed to elect the normal form, which is a single-life annuity. Participants in the cash balance plan are assumed to elect the lump sum form.

Marriage For purposes of valuing the pre-retirement surviving spouse's benefit, 85% of eligible male participants are assumed to be married and 50% of eligible female participants are assumed to be married (60% of males and 40% of females for the former Pension Plan for Certain Hourly-Rate Employees of Canton Drop Forge). Male participants are assumed to be three years older than their spouses and female participants are assumed to be three years younger than their spouses. For the cash balance plan, all pre-retirement deaths are assumed to result in a lump sum payment.

Employees It was assumed that there will be no new or rehired employees.

Benefit commencement date:

- Retirement benefit Those benefiting under the cash balance formula:
 - For actives under 60, 60% receive their benefit as a lump sum immediately upon termination, the remaining 40% defer their lump sum benefit to age 65
 - For actives over 60, 100% receive their benefit as a lump sum immediately upon termination.
 - Employees who terminate due to the GAMCO divestiture are assumed to commence payment immediately in 2024.

All other participants are assumed to commence their benefit upon retirement.

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

- **Deferred vested benefit** Current deferred vested participants with a cash balance benefit are assumed to defer commencement until age 65.

All other participants are assumed to defer payment until the later of age 65 or termination of employment.
- **Preretirement death benefit** For the Former Pension Plan for Certain Hourly-Rate Employees of Canton Drop Forge, the later of the death of the active participant or the date the participant would have attained age 65
- **Disability benefit** Upon disablement

Timing of benefit payments Annuity payments are payable monthly at the beginning of the month and lump sum payments are payable on the date of decrement.

Decrement Timing Model Rounded Middle of Year – All decrements are assumed to occur at the middle of the year to approximate the pattern of decrements that occur throughout the year. In addition, eligibility for benefits, commencement and cessation of benefits, and other commencement factors will reflect the middle of the year timing.

Amount and timing of contributions Contributions are assumed to be made on the last day required to meet quarterly and minimum funding requirements.

Methods

Census date/measurement date The measurement date is January 1, 2024. For purposes of determining benefit obligations as of the measurement date, participant data as of the census date, January 1, 2024, are used.

Funding target Present value of accrued benefits.

Target Normal Cost Present value of benefits expected to accrue during the plan year plus plan-related expenses expected to be paid from plan assets during the plan year.

Asset method For funding purposes, the average of the fair market value of assets on the valuation date and 12 and 24 months preceding the valuation date, adjusted for contributions, benefits, administrative expenses and expected earnings 7.75% for both 2022 and 2023 (with such expected

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

earnings limited as described in IRS Notice 2009-22, equivalent to 5.92% for 2022 and 5.74% for 2023). The average asset value must be within 10% of market value, including discounted contributions receivables (discounted using the effective interest rate for the prior plan year).

The method of computing the actuarial value of assets complies with rules governing the calculation of such values under the Pension Protection Act of 2006 (PPA). These rules produce smoothed values that reflect the underlying market value of plan assets but fluctuate less than the market value. As a result, the actuarial value of assets will be lower than the market value in some years and greater in other years. However, over the long term under PPA's smoothing rules, the method is more likely to produce an actuarial value of assets that is below the market value of assets.

Tax Policy

The actuarial valuation performed for the plan year ending December 31, 2023 is used to determine the maximum deductible contribution for the tax year ending December 31, 2023.

Benefits not included in valuation

All benefits described in the Plan Provisions section of this report were valued based on discussions with the plan sponsor regarding the likelihood that these benefits will be paid. WTW has reviewed the plan provisions with the plan sponsor and, based on that review, is not aware of any significant benefits required to be valued that were not.

Sources of Data and Other Information

Participant data was supplied electronically via a secure data site as of January 1, 2024 by Park-Ohio Industries, Inc. while data on cash balance participants was supplied by Schwab. Information about the fair value of plan assets was furnished to us by the Company and the Plan's trustees. Data were reviewed for reasonableness and consistency, but no audit was performed. Based on discussions with the plan sponsor, assumptions or estimates were made when data were not available, and the data was adjusted to reflect any significant events that occurred between the date the data was collected and the measurement date.

For a portion of the cash balance population ("Special Class Population"), the administrator was unable to provide updated participant information and account balances as of January 1, 2024. WTW assessed the plan eligibility for that portion of the population and calculated the estimated balances based on the most recently available balance and payroll data provided by Park-Ohio Industries, and the plan's interest crediting rate provision.

In lieu of being provided cash balance participant and balance information as of January 1, 2024 directly from Schwab and ADP for the Special Class Population, WTW was asked to consolidate several sources of information from Schwab and Park-Ohio to arrive at the eligible cash balance population and balance

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

amounts as of January 1, 2024. This approach, described further below, was proposed by Schwab, the plan's cash balance administrator, and approved by Park-Ohio.

- "Special Class Population": provided by Schwab containing the most recently valued balance for potentially eligible participants under the amended eligibility provisions effective October 1, 2022. Including the most recently valued balance for this population, as of various dates.
- Based on WTW's determination of the eligible population as of January 1, 2023 (further described in our report for the 2023 actuarial funding valuation dated September 30, 2023), cash balance census data as of January 1, 2022 and Park-Ohio payroll information for 2023 was used to determine participant statuses as of January 1, 2024.
- Starting balances: based on WTW's determination of participant balances as of January 1, 2023 (further described in our report for the 2023 actuarial funding valuation dated September 30, 2023).
- Compensation and pay credits earned during 2023: For nearly all Special Class Population participants, quarterly pay credits were provided by Schwab. For records where no Cash Balance Pay Credit was provided, WTW calculated pay credits using Park-Ohio quarterly payroll information.
- Plan Eligibility: based on WTW's assessment of plan eligibility as of January 1, 2023 (further described in our report for the 2023 actuarial funding valuation dated September 30, 2023), and any new entrants and decrements during 2023 (vested and nonvested withdrawals) as identified in Park-Ohio's quarterly payroll information detailing employment history (e.g., date of hire and date of termination)

Additionally, for cash balance participants hired or rehired in 2023, and therefore only having earned a partial year of pay, an assumed annual plan compensation of \$56,000 was used for projecting future compensation. This amount reflects the average plan compensation earned in 2023 by cash balance participants hired or rehired in 2022 and active as of the measurement date.

For cash balance participants without 2023 compensation and who were identified as active and eligible as of January 1, 2024, an assumed annual plan compensation of \$70,000 was used for projecting future compensation. This amount reflects the average plan compensation earned in 2023 by cash balance participants who are active as of January 1, 2024.

We are not aware of any further errors or omissions in the data that would have a significant effect on the results of our calculations.

Assumptions Rationale - Significant Economic Assumptions

Discount rate For funding purposes, the basis chosen was selected by the plan sponsor from among choices prescribed by law, all of which are based on observed market data over certain periods of time.

Expected return on plan assets We understand that the expected return on assets assumption reflects the plan sponsor's estimate of future experience for trust asset returns,

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

reflecting the plan's current asset allocation and any expected changes during the current plan year, current market conditions and the plan sponsor's expectations for future market conditions. WTW's determination that the expected long-term return on assets does not significantly conflict with what would be reasonable is informed by WTW's Expected Return Estimator model.

Cash balance interest crediting rate

The plan credits interest to cash balance accounts using the 1-year Treasury constant maturities rate, with a minimum interest credit rate of 3.00% and a maximum of 7.00%. The Company's expectation of future 1-year Treasury constant maturity rates, after reflecting the 3.00% minimum and 7.00% maximum rate, gives an expected long-term interest crediting rate of 4.00%. We believe the cash balance interest crediting rate is reasonable based on a combination of market conditions at the measurement date and future expectations consistent with other economic assumptions used, other than the discount rate.

Rate of increase in Compensation

Assumed increases were chosen by the plan sponsor and represent an estimate of future experience, based on the Company's long-term expectation and an informal review of recent actual experience.

Plan-related expenses

Administrative expenses are estimated by determining the actual expenses paid from the trust the preceding year. The expected return on assets is assumed to be net of investment expenses.

Assumptions Rationale - Significant Demographic Assumptions

Healthy Mortality

Assumptions used for funding purposes are as prescribed by IRC §430(h).

Disabled Mortality

Assumptions used for funding purposes are as prescribed by IRC §430(h).

Termination

The assumed termination rates for participants in the cash balance formula are based on the results of an experience study conducted in 2018 for the experience period January 1, 2013 to December 31, 2017.

Termination rates for other employee groups were selected by the plan sponsor based on a published table for pension participants believed to have similar characteristics to the plan population. Gains and losses caused by termination patterns different than assumed are observed and monitored. Therefore, we believe this assumption does not significantly conflict with what would be reasonable.

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Assumed termination rates differ by age and gender because of observed differences in termination rates by age and gender.

Retirement

The assumed retirement rates for participants in the cash balance formula are based on the results of an experience study conducted in 2018 for the experience period January 1, 2013 to December 31, 2017. Therefore, we believe this assumption does not significantly conflict with what would be reasonable.

Retirement rates for other employee groups are based on plan sponsor expectations for the future with periodic monitoring of observed gains and losses caused by retirement patterns different than assumed.

Retirement rates differ by eligibility for unreduced retirement benefits because of the expected effects the availability of these benefits have on retirement rates.

Benefit commencement date

Benefit commencement timing for the cash balance plan is based on an experience study conducted in 2018, with annual consideration of whether any conditions have changed that would be expected to produce different results in the future.

Benefit commencement date assumptions for other employee groups are based on plan sponsor expectations for the future with periodic monitoring of observed gains and losses caused by retirement patterns different than assumed. Therefore, we believe this assumption does not significantly conflict with what would be reasonable.

Source of Prescribed Methods

Funding methods

The methods used for funding purposes as described in Appendix A, including the method of determining plan assets, are “prescribed methods set by law”, as defined in the actuarial standards of practice (ASOPs). These methods are required by IRC §430, or were selected by the plan sponsor from a range of methods permitted by IRC §430.

Changes in Assumptions, Methods, and Estimation Techniques

Changes in assumptions since prior valuation

- The segment interest rates used to calculate the funding target and target normal cost were updated to the current valuation date as required by IRC §430.
- The mortality table used to calculate the funding target and target normal cost was changed from using a static projection of mortality improvement to a generational projection as required by IRS under IRC §430.

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

- Cash Balance employees who terminate due to the GAMCO divestiture are assumed to commence payment immediately in 2024.
- Assumed plan-related expenses were updated from \$739,602 for the 2023 plan year to \$774,901 for the 2024 plan year.

Change in methods since prior valuation

None.

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 24 Change in Actuarial Assumptions

Cash Balance employees who terminate due to the GAMCO divestiture are assumed to commence payment immediately in 2024.

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

Schedule SB, Part V Summary of Plan Provisions

Plan Sponsor

Park-Ohio Industries, Inc.

Plan

Park-Ohio Industries, Inc. and Subsidiaries Pension Plan

Former Metalloy Corporation Plan

Effective Date

December 1, 1964 (as amended and restated effective January 1, 2002). The 2004 amendments including revisions for past service of Metalloy participants have been reflected in this report.

Participation

Hourly Metalloy Employees shall be eligible to participate on the first day of the month coinciding with or next following completion of one year of service and attainment of age 21.

Normal Retirement

Eligibility – Age 65.

Monthly Benefit – The normal retirement benefit is a monthly pension payable for life commencing at age 65 equal to the unit below times Benefit Service.

Benefit Service equals the number of plan years in which a participant is paid for 1,000 hours or more as a participant; for the plan year in which an employee becomes a participant the Benefit Service credit equals the number of hours the employee was paid in such year (including hours prior to becoming a participant) divided by 1,000, with the result rounded to the nearest 1/10 and capped at 1.0 years.

The definition of Benefit Service was changed in 2004 to reflect some Benefit Service for periods prior to the plan year in which employees became participants; only Metalloy employees were affected. This applied to the employees who were active as of the amendment date and some participants who had already terminated.

Certain non-union employees and retirees did not get all the below benefit unit changes. Those in Tupelo, Mississippi have not increased from \$16.00 and the last increase for retirees was on March 1, 1996. Those in Fremont, Indiana have not increased from \$17.00 and the last increase for retirees was on March 1, 1997. Additionally, effective May 31, 1999, no additional Benefit service will be credited to any non-union hourly employee.

Unit Changes				
Actives			Retirees	
2/1/92*	\$12.50		3/1/92	\$0.50
2/1/93*	13.00		3/1/93	0.50
2/1/94*	14.00		3/1/94	0.50
2/1/95*	15.00		3/1/95	0.50
3/1/96	16.00		3/1/96	1.00
3/1/97	17.00		3/1/97	1.00
3/1/98	18.00		3/1/98	1.00
3/1/99	19.00		3/1/99	1.00
3/6/00	20.00		3/6/00	1.00
3/5/01	21.00		3/5/01	1.00
3/4/02	22.00		3/4/02	1.00
3/3/03	23.00		3/3/03	1.00

* first payable March 1

Unreduced Early Retirement

Eligibility – Age 62 and 20 years of Vesting Service, or having age plus Benefit Service equal 85 or more.

Monthly Benefit – An immediate benefit equal to the Normal Retirement benefit, unreduced for early commencement.

Early Retirement

Eligibility – Age 55 and 5 years of Vesting Service.

Monthly Benefit – An immediately payable benefit equalling the Normal Retirement benefit reduced by one half (1/2) percent for each month between the benefit commencement date and the employee’s normal retirement date.

Disability Retirement

Eligibility – Any age if Social Security Disability is paid.

Monthly Benefit – An immediate benefit equal to benefit unit in effect at disablement multiplied by service (up to 40 years) less, prior to age 65, any Workmen’s Compensation benefits. Until actually awarded it is assumed Workmen’s Compensation benefits will not be payable.

Termination Benefit

Eligibility – Termination of employment prior to retirement after completion of at least 5 years of Vesting Service.

Monthly Benefit – 100% of the normal retirement benefit payable at his normal retirement date. An employee whose last day of work is March 1, 1992, or later, can receive *reduced* benefits as early as age 55; the one half (1/2) percent reductions described in “Early Retirement Benefit” above also apply here but unreduced benefits are not available.

Late Retirement

Eligibility – Over Age 65.

An immediate benefit equal to the greater of i) the benefit accrued at the participant’s Normal Retirement Date actuarially increased to the actual retirement date and ii) Accrued Benefit as of the actual retirement date.

Pre-Retirement Spouse’s Death Benefit

Eligibility – Vested participants (including terminated employees not yet receiving benefits) who are married.

Monthly Benefit – A death benefit, commencing at the date the participant would have been eligible to retire (based on his service at death), equal to 50% of that to which the participant would have been entitled had he i) survived at least to such date with the accrued benefit he had when he died, ii) elected Retirement (from a terminated vested status if benefit commencement is deferred), iii) accepted the spouse’s annuity benefits form and iv) died immediately thereafter. There is no charge for this coverage.

Form of Payment

Life Annuity – monthly payments for the life of the participant.

Joint and Survivor Annuity – monthly payments for the life of the participant with 50%, 67%, 75%, or 100% of the benefit continuing to the beneficiary.

Life annuity with payments guaranteed to continue for 5 or 10 years.

Changes in Plan Provisions Since Last Actuarial Valuation

None.

Former Bennett Plan

Effective Date

January 1, 1972 (as amended most recently effective March 1, 1994).

Credited Benefit Service

For employees retiring after 1974, this is service after 1971. Credited Benefit Service ceased to accrue as of December 30, 1993.

Normal Retirement

Eligibility - Age 65 or over with 5 years or more of Eligibility Service.

Monthly Benefit - For a participant who terminated or retired prior to December 30, 1993, the product of Credited Benefit Service and the benefit unit in effect for the periods as described below:

For Credited Benefit Service Earned	Benefit Unit
From 1/1/72 to 2/28/86	\$13.00
From 3/1/86 to 2/28/87	13.50
From 3/1/87 to 2/29/88	14.00
From 3/1/88 to 2/28/89	14.50
From 3/1/89 to 2/28/90	16.00
From 3/1/90 to 2/28/91	16.50
From 3/1/91 to 2/28/94	17.00
On or After 3/1/94	19.00

For participants who were active employees as of December 30, 1993, their Monthly Benefit is the product of all Credited Benefit Service and the \$19.00 benefit unit.

Early Retirement

Eligibility - Age 60 with 10 or more years of Eligibility Service.

Monthly Benefit - An actuarially reduced immediate benefit computed under the above benefit units, using service at the time of early retirement; or an unreduced benefit starting at age 65.

Disability Retirement

Eligibility - Any age and 10 or more years of Eligibility Service.

Monthly Benefit - An immediate benefit as computed under the above benefit units, using service at time of disability retirement. The benefit will become permanent at age 65 if the participant continues to be disabled to that age. Normal Retirement benefit is payable after age 65.

Deferred Vested Retirement

Eligibility - 5 or more years of Eligibility Service.

Monthly Benefit - A benefit (payable at age 65) is determined using the above benefit units. A reduced benefit is available as early as age 60 if the employee has at least 10 years of Eligibility Service.

Surviving Spouse Benefit

A participant who has not retired but who otherwise satisfies the eligibility requirements for vesting has a death benefit whereby if he dies, his spouse would receive the benefit she would have received if he had retired the day before his death and elected a 50% joint and survivor annuity. This benefit is payable beginning immediately or when the employee would have reached age 55, if later. The cost of this coverage is subsidized by the Company.

Voluntary Early Retirement/Termination Program

Eligibility - Any participant at the Peotone Plant that elected voluntary termination or retirement due to the shifting of operations elsewhere, during the period from March 1, 1992 to April 10, 1992.

If the participant had attained age 55 with at least 10 years of Eligibility Service his monthly benefit payable June 1, 1992 would be determined using:

- (a) his Credited Service as of March 1, 1992 plus 5 years, and
- (b) his attained age as of March 1, 1992 plus 5 years.

If the participant had not met the requirements of age 55 and 10 years of Eligibility Service, he would become vested in his accrued benefit as of March 1, 1992 regardless of his age or duration of service.

Changes in Plan Provisions Since Last Actuarial Valuation

None.

Former Castle Rubber Plan

Effective Date

October 29, 1955 (as last restated effective January 1, 2002).

Normal Retirement

Eligibility – Age 65 or over with 5 or more years of Service (automatic at age 70).

Monthly Benefit – The normal retirement benefit is a monthly benefit, if paid on a straight-life basis, equal to the indicated Benefit Unit times years of Benefit Service:

Date of Retirement	Benefit Unit
Prior to 3/5/1996	\$18.00
3/5/1996 – 7/19/1997	18.25
7/20/1997 – 7/18/1998	18.50
7/19/1998 – 7/17/1999	18.75
7/18/1999 – 7/15/2000	19.75
7/16/2000 – 7/14/2001	20.25
7/15/2001 & thereafter	20.75

Unreduced Early Retirement

Eligibility – On retirement after June 17, 1977 between ages 55 and 65 with at least 30 years of Service, or prior to age 55 with at least 30 years of Service and such that the sum of years of age and Service equals at least 85.

Monthly Benefit – An immediate benefit computed under the above benefit units, unreduced for early commencement.

Early Retirement

Eligibility – Age 55 with 20 or more years of Service.

Monthly Benefit – An immediate benefit computed under the above benefit units, using Service at time of early retirement, with reduction of 4/10% for each month retirement precedes age 65.

Disability Retirement

Eligibility – 10 or more years of Service.

Monthly Benefit – An immediate benefit equal to twice the accrued normal retirement benefit, unreduced for early commencement. If the employee is receiving Federal Social Security benefits for either disability or age, an immediate benefit equal to the accrued normal retirement benefit, unreduced for early commencement.

Nature of Benefit – A temporary benefit until age 65, subject to discontinuance upon recovery from disability. Normal retirement benefit is payable after age 65.

Termination Benefit

Eligibility – Termination of employment at any age and 5 or more years of Service.

Monthly Benefit – A benefit beginning at age 65 computed under the above benefit units, based on Service to time of termination. Benefit may begin as early as age 55 if employee had 20 years of Service; benefit would be reduced as under Early Retirement above.

Under the terms of the sale of operations, participants with less than 5 years of service were vested. Their benefits will be cashed out.

Pre-Retirement Spouse’s Death Benefit

Eligibility – Vested married employees (and certain vested former employees) with 5 or more years of Service.

Nature of Benefit – May elect Death Benefit coverage prior to his actual retirement. In the event of death before retirement the spouse would receive the benefit she would have received if the employee had retired immediately before death and elected the Joint and Survivor form of annuity. If the employee elects this option, his benefit is reduced to pay for this coverage as follows:

Period of Coverage	Benefit Reduction Per Year of Coverage
Below Age 45	.001
45 – 54	.002
55 – 64	.005

Form of Payment

An employee may elect to receive his benefit on a straight-life basis or on an actuarially equivalent Joint and Survivor basis. Unless otherwise elected, a benefit payable under the plan shall be paid:

1. On a 50% Joint and Survivor basis; of the employees that have a spouse; or
2. On a straight-life basis otherwise.

Changes in Plan Provisions Since Last Actuarial Valuation

None.

Former RB&W Hourly Plan – CHICAGO PLANT

Effective Date

September 1, 1950, as amended effective July 1, 1990. Effective December 31, 1993, this plan was merged into the RB&W Corporation Hourly Employees Pension Plan.

Participation

All bargaining unit employees at the location. The Plant was sold effective August 9, 1993. All benefit accruals were frozen as of that date.

Crediting of Service

- a. Vesting Service - One year is credited for each Plan Year after January 1, 1976 in which at least 87 days of service are completed; service prior to January 1, 1976 is computed based upon the provisions of the Plan then in effect.
- b. Credited Service - One year is credited for each plan year in which an employee works some part of 150 or more days. If an employee works less than 150 days but 87 or more days, 3/5 of a year is credited. No service is credited for less than 87 days. Service prior to January 1, 1976 is computed based upon the provisions of the Plan then in effect.

Normal Retirement

Eligible at age 65.

A monthly benefit, if paid on a straight life basis, equal to Years of Credited Service multiplied by the rate in effect at the time of retirement, as follows:

Retirement Date	Benefit Rate
Before 4/1/1985	\$13.00
4/1/1985 - 3/31/1986	14.00
4/1/1986 - 6/30/1990	14.75
7/1/1990 - 6/30/1991	15.25
7/1/1991 - 6/30/1992	15.75
7/1/1992 and after	16.00

Early Retirement

Eligible at age 60 and 10 years of Vesting Service.

The accrued normal retirement pension payable at age 65 or a reduced pension payable immediately. The pension is reduced by 6/10 of 1% for each month that pension commencement precedes age 65.

Disability Retirement

Eligible if totally and permanently disabled after 10 years of Vesting Service.

The disability benefit is equal to the accrued normal retirement pension or \$200 per month if greater.

Deferred Vested Termination

Eligible at any age and 5 years of Vesting Service.

The termination benefit is equal to the accrued normal retirement pension payable at age 65 or, if the participant has at least 10 years of Vesting Service, a reduced pension payable as early as age 60.

Pre-Retirement Spouse's Benefit

Eligible upon the death of an employee or former employee after completion of 5 years Vesting Service. There is no charge for this coverage.

If participant is over age 55 with 10 years of Vesting Service at the time of his death, his spouse receives a monthly lifetime pension equal to 50% of the participant's accrued benefit.

If the participant is under age 55 at the time of his death, his spouse will receive a lifetime monthly pension commencing on the first day of the month after the participant would have attained age 60. The pension is equal to 50% of the reduced amount he would have received if he had terminated employment as of the date of his death, survived to age 60, and elected the 50% Joint and Survivor option.

Form of Payment

An employee may elect to receive his benefit on a straight-life basis or on an actuarially equivalent Joint and Survivor basis. A married employee shall receive his benefit on a reduced 50% Joint and Survivor actuarially equivalent basis unless he elects (with consent of his spouse) an alternative form of benefit. A single employee shall receive his benefit on a life annuity basis. Other options are available.

Changes in Plan Provisions Since Last Actuarial Valuation

None.

Former RB&W Hourly Plan- CORAOPOLIS PLANT

Effective date

November 1, 1957, as amended effective February 27, 1996. Effective December 31, 1993, this Plan was merged into the RB&W Corporation Hourly Employees Pension Plan.

Plan Eligibility

Members of United Steelworkers of America, CIO, Local No. 3196 and all other employees on a full-time hourly pay basis at the Coraopolis, Pennsylvania location of the Corporation. The plant was closed effective April 1, 2002. All participants became retirees or vested terminations.

Normal Retirement Benefits

Eligible at age 65 and completion of five years of continuous service.

The monthly amount of benefit is equal to 1.1% of average monthly earnings for the 10 years preceding retirement multiplied by the number of years of continuous service to date of retirement not in excess of 30 years plus 1.2% of such compensation multiplied by the number of years of continuous service in excess of 30 years.

The above benefit is subject to a deduction on account of Social Security of \$80 per month.

The minimum monthly benefit, per year of continuous service, is equal to:

Date of Retirement	Amount
1983	\$14.50
1984	14.75*
1/1/1985 - 2/26/1989	15.00**
2/27/1989 - 2/29/1992	15.50
3/1/1992 - 2/28/1993	15.75
3/1/1993 - 2/23/1995	16.00
2/24/1995 - 2/28/1999	17.00
3/1/1999 - 2/28/2001	17.50
On or after 3/1/2001	19.50

* Also effective January 1, 1984 for participants who retired between March 1, 1983 and January 1, 1984.

** Also effective January 1, 1985 for participants who retired between March 1, 1983 and January 1, 1985.

Early Retirement Benefit

Eligible at age 60 and completion of 15 years of continuous service.

Any participant who has completed at least 30 years of continuous service and has attained the age of 60 years may retire at his option on a full early retirement benefit.

Any participant who has completed at least 15 years of continuous service and (i) has attained age 55 and whose combined age and years of continuous service equals 70 or more or (ii) whose combined age and years of continuous service equals 80 or more, and whose service is terminated by reason of a permanent shutdown, layoff or physical disability, may be retired on a special early retirement benefit. Any participant who has met these age and service requirements may be retired on a special early retirement benefit, under conditions mutually satisfactory to the participant and the Corporation.

The early retirement benefit is a deferred benefit, commencing at age 65, equal to the normal retirement benefit based on continuous service to the date of early retirement. In lieu of the deferred benefit, the participant may elect to receive a reduced benefit, commencing at a date between his early retirement date and normal retirement date, which is the actuarial equivalent of the deferred benefit.

The monthly benefit payable to a participant eligible for a full early retirement benefit is an immediate benefit equal to the normal retirement benefit based on service to the date of early retirement.

The monthly benefit payable to a participant eligible for a special early retirement benefit is an immediate benefit accrued to date of early retirement, except that the deduction of \$80 per month is not applied until the participant becomes eligible to receive an unreduced Social Security benefit.

Disability Retirement Benefit

Eligible if totally and permanently disabled after 15 years of continuous service.

The monthly benefit payable to age 65 is equal to a normal retirement benefit computed on the earnings formula and based on continuous service to date of disability retirement, subject to reduction by any Social Security disability benefit payable, not in excess of \$80 per month. The minimum monthly benefit is the larger of (a) \$150, subject to reduction by any Social Security disability benefit payable, not in excess of \$80 per month; or (b) an amount equal to the minimum monthly normal retirement benefit, without any deduction for Social Security benefits.

The monthly disability benefit described above is increased by \$75 until an unreduced disability Social Security benefit is payable or until age 65, if earlier.

At age 65 the disability benefit is computed as a normal retirement benefit, with due regard to the minimum benefit amount, based on the participant's continuous service to the time of disability.

Vested Retirement Benefit

Eligible after five years of continuous service, provided the participant is not eligible to receive any other retirement benefit under the Plan.

The benefit payable at age 65 is equal to the amount of normal retirement benefit under the Plan as in effect when his service terminated based on continuous service up to the date of termination of service.

In the event the participant had completed at least 15 years of continuous service on his date of termination, in lieu of the benefit payable at age 65, he may elect to receive a reduced benefit commencing at a date between age 60 and age 65, which is the actuarial equivalent of the benefit deferred to age 65.

Special Retirement Payment

In all cases of retirement except disability or deferred vested retirement, a special lump sum retirement payment is made equal to 13 weeks' pay at the rate of vacation pay applicable for the year of retirement reduced by the amount of any vacation pay received for that year. If the participant is not entitled to a vacation in the year of retirement, the benefit is equal to 13 weeks of vacation pay at the rate of pay applicable when he was last entitled to a vacation, reduced by the amount of vacation pay received for the year for which he was last entitled to a vacation. Regular monthly benefit payments commence after the three-month period for which the special retirement payment is made, or in the fourth month following the attainment of age 65, in the case of an early-deferred benefit.

Pre-Retirement Spouse's Benefit

Eligible upon the death of an employee after completion of 5 years of continuous service, provided the employee has been married to his current spouse for at least one year. There is no charge for this coverage.

If the participant is over age 60 with 15 years of continuous service at the time of death, his spouse receives a monthly lifetime pension equal to 50% of the reduced amount the participant would have received if he had retired as of the date of his death and elected the 50% Joint and Survivor annuity.

If the participant is under age 60 or has less than 15 years of continuous service at the time of his death, his spouse will receive a monthly lifetime pension commencing on the first day of the month after the participant would have attained his earliest commencement age equal to 50% of the reduced amount he would have received if he had terminated employment as of the date of his death, survived to his earliest commencement age and elected the 50% Joint and Survivor annuity.

Regular and Optional Forms of Retirement Benefits

Any temporary disability benefits and special retirement payments are payable as described above. Benefits payable for life are payable as described in (a), (b) and (c) below:

- (a) If the participant is not married on the date his retirement benefit commences, the retirement benefit is equal to the benefit previously described in this summary, adjusted for any spouse's benefit coverage, and is payable for the life of the retired participant only.

- (b) Unless a married participant elects otherwise, his retirement benefit is payable as a reduced benefit, in the form of a 50% joint and survivor annuity of equivalent actuarial value to the benefit in (a) above, which is payable during the retired participant's life, and after his death an allowance of one-half of the benefit payable to the retired participant is paid during the life of, and to, the retired participant's spouse.
- (c) Prior to the date on which his retirement benefit begins, the participant may elect to convert his benefit into a benefit of equivalent actuarial value to the benefit otherwise payable on his account in accordance with one of the options described below.
 - Option 1. A benefit equal to the benefit in (a) above, payable for his life only, even if he has a spouse, at the date his retirement benefit commences.
 - Option 2. A reduced benefit in the form of a 75% or 100% joint and survivor annuity which is payable during the retired participant's lifetime, with the provision that, after his death, the reduced allowance will be continued to his spouse.

A participant is deemed to have retired on his date of death if his death occurs during employment and after his normal retirement date.

Plan Merger

Effective December 31, 1989, the Powdered Metal Products Hourly Employees Pension Plan was merged into this Plan, and benefit accruals for the former PMP participants were frozen as of such date.

Plant Shutdown Benefits

Special benefits were provided in conjunction with the Coraopolis shutdown:

- a. The special early retirement benefit described above (rule of 70/80) was extended to participants whose combined age and years of service equalled 69 or more.
- b. Participants were offered the option of receiving the lump sum value of the normal retirement benefit in lieu of a normal, early or deferred vested annuity benefit.
- c. All participants received a \$6,000 supplementary lump sum or the annuity equivalent.
- d. The Special Retirement Payment was paid in addition to, rather than in lieu of, the first three months of the retirement benefit.

Changes in Plan Provisions Since Last Actuarial Valuation

None.

Former RB&W Hourly Plan – KENT PLANT

Effective Date

January 2, 1959, as amended effective July 1, 1997. Effective December 31, 1993, this Plan was merged into the RB&W Corporation Hourly Employees Pension Plan.

Participation

All hourly-paid employees on the seniority list at the location. Participation is frozen effective September 1, 2003. The Kent division of the RB&W Hourly Plan shut down effective July 15, 2007.

Crediting of Service

- a. Vesting Service - One year is credited for each Plan Year after January 1, 1976 in which at least 1,000 hours of service are completed; service prior to January 1, 1976 is computed based upon provisions of the Plan then in effect.
- b. Credited Service - One year is credited for each Plan Year in which at least 1,600 hours of service are completed, with fractional service credited (to the nearest 1/10) for less than 1,600 hours.

Normal Retirement

Eligible at age 65.

A monthly benefit, if paid on a straight life basis, equal to Years of Credited Service multiplied by the rate in effect at the time of retirement, as follows:

Retirement Date	Benefit Rate
Before 1/1/1985	\$13.00
1/1/1985 - 12/31/1985	13.50
1/1/1986 - 3/31/1989	14.00
4/1/1989 - 3/31/1990	14.25
4/1/1990 - 3/31/1991	14.75
4/1/1991 - 3/31/1992	15.00
4/1/1992 - 6/30/1996	15.75
7/1/1996 - 6/30/2000	16.00
7/1/2000 - 6/30/2001	16.25
7/1/2001 – 5/31/2006	18.25
6/1/2006 – 3/8/2007	20.25
3/9/2007 and after	21.00

Early Retirement

Eligible at age 60 and 10 years of Vesting Service.

The accrued normal retirement pension payable at age 65 or, alternatively, a reduced pension payable immediately. The pension is reduced by 6/10 of 1% for each month that pension commencement precedes age 65.

Disability Retirement

Eligible if totally and permanently disabled after 10 years of Vesting Service.

Prior to age 65, employee receives greatest of:

- (1) twice the accrued normal retirement pension less any disability benefits payable under Social Security, or
- (2) the accrued normal retirement pension, or
- (3) \$150 per month.

After age 65, the accrued normal retirement pension at time of disability is payable.

Deferred Vested Termination

Eligible at any age and 5 years of Vesting Service.

The accrued normal retirement pension payable at age 65 or, if the participant has at least 10 years of Vesting Service, a reduced pension payable as early as age 60.

Pre-Retirement Spouse's Benefit

Eligible upon the death of an employee or former employee after completion of 5 years Vesting Service. There is no charge for this coverage.

If the participant is over age 60 with 10 years of Vesting Service at the time of his death, his spouse receives a monthly lifetime pension equal to 50% of the participant's accrued benefit.

If the Participant is under age 60 at the time of his death, his spouse will receive a monthly pension commencing on the first day of the month after the participant would have attained age 60 equal to 50% of the reduced amount he would have received if he had terminated employment as of the date of his death, survived to age 60, and elected the 50% Joint and Survivor option.

Supplement

Eligible if age 62 by January 10, 1994 and retire early during the interim period.

A supplement of \$150 per month is payable until age 65.

Form of Payment

An employee may elect to receive his benefit on a straight-life basis or on an actuarially equivalent Joint and Survivor basis. Unless otherwise elected, any benefit payable under the Plan shall be paid:

1. On a 50% Joint and Survivor basis; if the employee has been married to his current spouse for at least one year; or
2. On a straight-life basis otherwise.

Changes in Plan Provisions Since Last Actuarial Valuation

None.

Former RB&W Hourly Plan – ROCK FALLS PLANT

Effective Date

January 1, 1960, as amended and restated effective June 1, 1990. Effective December 31, 1993, this Plan was merged into the RB&W Corporation Hourly Employees Pension Plan.

Participation

All employees on a full-time, hourly-pay basis at the Rock Falls, Illinois location of the Corporation. The Plant was sold effective August 9, 1993. All benefit accruals were frozen as of that date.

Normal Retirement Benefit

Eligible at age 65 and 5 years of continuous service.

The monthly amount of benefit is equal to 1.1% of average monthly earnings for the 10 years preceding retirement multiplied by the number of years of continuous service to date of retirement not in excess of 30 years plus 1.2% of such compensation multiplied by the number of years of continuous service in excess of 30 years.

The above benefit is subject to a deduction on account of Social Security of \$80 per month.

The minimum monthly benefit, per year of continuous service, is equal to:

Date of Retirement	Amount
June 1, 1990 through May 31, 1991	\$16.25*
June 1, 1991 and after	\$16.75**

* Also effective as of June 1, 1990 for participants who retired on or after April 9, 1990.

** Also effective as of June 1, 1991 for participants who retire on or after April 9, 1990.

In computing the above minimum benefit, there is no deduction on account of Social Security benefits.

Early Retirement Benefit

Eligible at age 60 and 15 years of continuous service.

Any participant who has completed at least 30 years of continuous service and has attained the age of 60 years may retire at his option on a full early retirement benefit. Any participant who has completed at least 15 years of continuous service and (i) has attained age 55 and whose combined age and years of continuous service equals 70 or more or (ii) whose combined age and years of continuous service equals 80 or more, and whose service is terminated by reason of permanent shutdown, layoff or physical disability, may be retired on a special early retirement benefit. Any participant who has met these age and service requirements may be retired on a special early retirement benefit under conditions mutually satisfactory to the participant and the Corporation.

The early retirement benefit is a deferred benefit, commencing at age 65, equal to the normal retirement benefit based on continuous service to the date of early retirement. In lieu of the deferred benefit, the participant may elect to receive a reduced benefit, commencing at a date between his early retirement date and normal retirement date, which is the actuarial equivalent of the deferred benefit.

The monthly benefit payable to a participant eligible for a full early retirement benefit is an immediate benefit equal to the normal retirement benefit based on service to the date of early retirement.

The monthly benefit payable to a participant eligible for a special early retirement benefit is an immediate benefit accrued to date of early retirement, except that the deduction of \$80 per month is not applied until the participant becomes eligible to receive an unreduced Social Security benefit.

Disability Retirement Benefit

Eligible at any age if totally and permanently disabled with 15 years of continuous service.

The monthly benefit payable to age 65 is equal to a normal retirement benefit computed on the earnings formula and based on continuous service to date of disability retirement, subject to reduction by any Social Security disability benefit payable, not in excess of \$80 per month. The minimum monthly benefit is the larger of (a) \$150, subject to reduction by any Social Security disability benefit payable, not in excess of \$80 per month; or (b) an amount equal to the minimum monthly normal retirement benefit, without any deduction for Social Security benefits.

The monthly disability benefit described above is increased by \$75 until an unreduced disability Social Security benefit is payable or until age 65, if earlier.

At age 65, the disability benefit is recomputed as a normal retirement benefit, with due regard to the minimum benefit amount, based on the participant's continuous service to the time of disability.

Vested Retirement Benefit

Eligible at any age with 5 years of continuous service.

The benefit payable at age 65 is equal to the amount of normal retirement benefit under the Plan as in effect when his service terminated based on continuous service up to the date of termination of service.

In the event the participant had completed at least 15 years of continuous service on his date of termination, in lieu of the benefit payable at age 65, he may elect to receive a reduced benefit, commencing at a date between age 60 and age 65, which is the actuarial equivalent of the benefit deferred to age 65.

Special Retirement Payment

In all cases of normal and early retirement, a special retirement payment is made equal to 520 times the participant's average straight-time hourly base rate during the last 13 weeks worked by him prior to retirement, reduced by the amount of any vacation pay paid to him since the June 1 immediately preceding his retirement. Regular monthly benefit payments commence on the first of the month nearest the expiration of the period for which the special payment is made.

Pre-Retirement Spouse's Benefit

Eligible upon the death of an employee after completion of five years of continuous service, provided the employee has been married to his current spouse for at least one year. There is no charge for this coverage.

If the participant is over age 60 with 15 years of continuous service at the time of his death, his spouse receives a lifetime pension equal to 50% of the reduced amount the participant would have received if he had retired as of the date of his death and elected the 50% Joint and Survivor annuity.

If the participant is under age 60 or has less than 15 years of continuous service at the time of his death, his spouse will receive a monthly lifetime pension commencing on the first day of the month after the participant would have attained his earliest commencement age equal to 50% of the reduced amount he would have received if he had terminated employment as of the date of his death, survived to his earliest commencement age and elected the 50% Joint and Survivor annuity.

Regular and Optional Forms of Retirement Benefits

Any temporary disability benefits and special retirement payments are payable as described above. Benefits payable for life are payable as described in (a), (b) and (c) below.

- (a) If the participant is not married on the date his retirement benefit commences, the monthly retirement benefit is equal to the benefit previously described in this summary, adjusted for any spouse's benefit coverage, and is payable for the life of the retired participant only.
- (b) Unless a married participant elects otherwise, his retirement benefit is payable as a reduced benefit, in the form of a 50% joint and survivor annuity of equivalent actuarial value to the benefit in (a) above, which is payable during the retired participant's life, and after his death an allowance of one-half the benefit payable to the retired participant is paid during the life of, and to, the retired participant's spouse.
- (c) Prior to the date on which his retirement begins, the participant may elect to convert his benefit into a benefit of equivalent actuarial value to the benefit otherwise payable on his account in accordance with one of the options described below.

Option 1. A benefit equal to the benefit in (a) above, payable for his life only, even if he has a spouse, at the date his retirement benefit commences.

Option 2. A reduced benefit in the form of a 75% or 100% Joint and Survivor annuity which is payable during the retired participant's lifetime, with the provision that, after his death, the reduced allowance will be continued to his spouse.

A participant is deemed to have retired on his date of death if his death occurs during employment and after his normal retirement date.

Changes in Plan Provisions Since Last Actuarial Valuation

None.

Former Contract Unit Employees at Cleveland, Ohio (RB&W Cleveland Plan)

Effective Date

March 17, 1973, as amended most recently effective February 20, 1989.

Effective January 1, 2007, this plan was merged into the Park-Ohio Industries, Inc. and Subsidiaries Pension Plan.

Participation

Members of the International Union, United Automobile, Aerospace and Agricultural Implement Workers of America and all other full-time hourly-pay basis employees at the Cleveland, Ohio location of the Corporation.

Normal Retirement Benefit

Eligible at age 65 and completion of 5 years of creditable service.

The monthly normal retirement benefit is equal to:

- (i) \$8.00 multiplied by the years of creditable service at retirement for employees who retire on or after August 1, 1977 but before October 5, 1978;
- (ii) \$9.00 multiplied by the years of creditable service at retirement for employees who retire on or after October 5, 1978 but before September 1, 1979;
- (iii) \$9.50 multiplied by the years of creditable service at retirement for employees who retire on or after September 1, 1979 but before September 1, 1980;
- (iv) \$10.00 multiplied by the years of creditable service at retirement for employees who retire on or after September 1, 1980, but before February 20, 1989; or
- (v) \$11.50 (\$13.00 effective July 1, 1990) multiplied by the years of creditable service at retirement for employees who retire on or after February 20, 1989.

Early Retirement Benefit

Eligible at age 60 and completion of 10 years of creditable service.

The early retirement benefit is a deferred benefit, beginning at normal retirement date, equal to the normal retirement benefit accrued to date of early retirement. In lieu of the deferred benefit, the employee may elect to receive an immediate benefit, commencing at any time between his early retirement date and his normal retirement date, equal to the deferred benefit reduced by 5/8 of 1% multiplied by the number of months from his benefit commencement date to his normal retirement date.

Disability Retirement Benefit

Eligible if totally and permanently disabled after ten years of creditable service.

The disability retirement benefit is equal to the normal retirement benefit accrued to date of disability plus, until the earlier of when the employee is eligible for disability benefits under Social Security or age 65, an additional benefit equal to the normal retirement benefit accrued to date of disability.

Vested Retirement Benefit

Eligible after the completion of five years of creditable service but before being eligible for any other benefit under the Plan.

The benefit is a deferred benefit commencing at normal retirement date and is equal to the normal retirement benefit accrued to date of termination. In lieu of the deferred benefit commencing at normal retirement, the employee with at least 10 years of creditable service may elect to receive a benefit commencing at any time between age 60 and 65 equal to the deferred benefit reduced by 5/8 of 1% multiplied by the number of months from his benefit commencement date to his normal retirement date.

Pre-Retirement Spouse's Benefit

Upon the death of an employee after completion of 5 years of creditable service, the spouse of this employee is eligible to receive a spouse's benefit provided the employee has been married to his current spouse for at least one year. There is no charge for this coverage.

If the participant is over age 60 at the time of his death, his spouse receives a monthly lifetime pension equal to 55% of the reduced amount the participant would have received if he had retired as of the date of his death and elected the 55% joint and survivor basis.

If the participant is under age 60 at the time of his death, his spouse will receive a monthly lifetime pension commencing on the first day of the month after the participant would have attained age 60 equal to 55% of the reduced amount he would have received if he had terminated employment as of the date of his death, survived to age 60, and elected the 55% joint and survivor basis.

Regular and Optional Forms of Retirement Benefits

Any temporary disability benefits are payable as described above. Benefits payable for life are payable as described in (a), (b) and (c) below:

- (a) If the employee is not married on the date his retirement benefit commences, the annual retirement benefit is equal to the benefit previously described in this summary, adjusted for any spouse's benefit coverage, and is payable for the life of the retired employee only.

- (b) Unless a married employee elects otherwise, his retirement benefit is payable as a reduced benefit, in the form of a 55% joint and survivor annuity of equivalent actuarial value to the benefit in (a) above, which is payable during the retired employee's life, and after his death an allowance of 55% of the benefit payable to the retired employee is paid during the life of, and to, the retired employee's spouse.
- (c) Prior to the date on which his retirement benefit begins, the employee may elect to convert his benefit into a benefit of equivalent actuarial value to the benefit otherwise payable on his account in accordance with one of the options described below.

Option 1. A benefit equal to the benefit in (a) above, payable for his life only, even if he has a spouse, at the date his retirement benefit commences.

Option 2. A reduced benefit in the form of a 75% or 100% joint and survivor annuity which is payable during the retired employee's lifetime, with the provision that, after his death, the reduced allowance will be continued to his spouse.

An employee is deemed to have retired on his date of death if his death occurs during employment and after his normal retirement date.

Increase in Benefits to Retired Employees

Effective with monthly pension payments commencing October 1978, for all employees who had retired, the normal retirement benefit rate is increased by \$.50 multiplied by the number of years of service on which the retirement benefit was calculated.

Change in Plan Provisions Since Last Actuarial Valuation

None.

Former RB&W Cleveland - PORT CHESTER

Effective Date

November 1, 1957, as amended and restated effective January 1, 1989.

The RB&W Port Chester Plan was merged into the RB&W Cleveland Plan in 2000.

Effective January 1, 2007, RB&W Cleveland Plan was merged into the Park-Ohio Industries, Inc. and Subsidiaries Pension Plan.

Participant

Participants who had retired under the plan prior to April 14, 1973, participants who had retired under the IAM Labor/Management Pension Plan and participants on a full-time hourly-pay basis who met the eligibility requirements for either a normal or early retirement benefit and whose service was terminated by the closing of the Port Chester plant.

Normal Retirement

Any participant who has completed 15 years of continuous service and has attained the age of 65 years is eligible to receive a benefit upon his retirement.

The annual amount of the benefit is equal to number of years of continuous service, limited to 35 years, multiplied by \$42 for a participant who retires under this Plan on or after January 1, 1969.

Early Retirement

Any participant who has completed at least 15 years of continuous service, whose combined age and years of continuous service equals 70 or more and whose service is terminated due to the closing of the Port Chester Plant is eligible to receive an early retirement benefit.

The early retirement benefit is a deferred benefit, commencing at age 65, equal to the normal retirement benefit based on service to the date of early retirement. In lieu of the deferred benefit, the participant may elect to receive an immediate benefit commencing at the later of the date of early retirement or age 55, which is the actuarial equivalent of the deferred benefit.

Substitute Retirement

Any former participant whose service was terminated after October 13, 1970 and prior to March 15, 1973 and who was then eligible for and has received benefits under the IAM Plan is eligible to receive a substitute retirement benefit.

The substitute retirement benefit commences in the month following the former participant's receipt of his last payment under the IAM Plan and is equal to one of the following: (i) If the former participant had attained age 65 on his date of termination, his substitute retirement benefit is equal to the normal

retirement benefit based on his continuous service to date of termination. (ii) If the former participant had not attained age 65 on his date of termination, his substitute retirement benefit is equal to an early retirement benefit computed as if his benefit had commenced immediately on his date of termination.

If the former participant had elected and received a lump sum cash payment from the IAM Plan in lieu of a portion of his benefit from the IAM Plan, then the benefit computed in (i) or (ii) above is reduced in the same proportion that his IAM Plan benefit was reduced for such election.

Changes in Plan Provisions Since Last Actuarial Valuation

None.

Former Industrial Fasteners Split Funded Defined Benefit Pension Plan, later renamed the Integrated Logistics Holding Corp. Pension Plan

Effective Date

Effective April 1, 2007, the plan was merged into the Park-Ohio and Subsidiaries Pension Plan.

Participation

Employers of Industrial Fasteners LLC who have attained age 21 and completed one year of service. The plan was closed to new entrants as of December 31, 1999.

Average Monthly Compensation

Average of the highest five consecutive calendar years of compensation overall years of participation.

Normal Retirement

Eligibility – April 1 nearest age 65.

Plan Years Beginning Before January 1, 1994

(1) 33% of Average Monthly Compensation plus (2) 22.75% of Average Monthly Compensation in excess of 1/12th of Covered Compensation. Both (1) and (2) are reduced by 1/35 for each year of service less than 35.

Plan Years Beginning After December 31, 1993

(1) 33% of Average Monthly Compensation plus (2) 20% of Average Monthly Compensation in excess of 1/12th of Covered Compensation. Both (1) and (2) are reduced by 1/35 for each year of service less than 35.

Early Retirement

Plan provisions do not provide for early retirement.

Disability Retirement

Eligibility - Totally and Permanently Disabled with this condition continuing for six (6) months. There are no age or service requirements.

Monthly Benefit – Actuarial Equivalent of the accrued benefit.

Termination Benefit

Monthly Benefit – Percentage of the normal retirement benefit payable at his normal retirement date. The percentage is based on the vesting schedule below:

Years of Service	Percentage
Less than 3	0%
3	20%
4	40%
5	60%
6	80%
7	100%

The benefit may commence at any age. It is reduced by 1/15 for each of the first 5 years preceding normal retirement age and 1/30 for each of the next 5 years. An actuarial reduction applies for each additional year.

Late Retirement

Eligibility – Over Age 65.

An immediate benefit equal to the greater of i) the benefit accrued at the participant's Normal Retirement Date actuarially increased to the actual retirement date and ii) Accrued Benefit as of the actual retirement date.

Pre-Retirement Spouse's Death Benefit

Eligibility – Vested participants (including terminated employees not yet receiving benefits) who are married. There is no charge for the coverage.

Monthly Benefit – A death benefit, commencing at the date of the participant death, equal to 50% of that to which the participant would have been entitled had he i) terminated the day before his death, ii) elected an immediate commencement date, and iii) elected the 50% joint and survivor annuity form.

Lump sum – The spouse may elect a lump sum equal to the actuarial equivalent of the monthly spouse benefit.

Regular and Optional Forms of Retirement Benefits

The normal form is a life annuity with the first 120 monthly payments guaranteed.

Joint and Survivor Annuity – monthly payments for the life of the participant with 50%, 75% or 100% of the benefit continuing to the beneficiary.

Lump sum – actuarial equivalent of the normal retirement benefit. A benefit with present value less than \$7,000 is automatically paid as a lump sum.

Changes in Plan Provisions Since Last Actuarial Valuation

None.

Former Ohio Crankshaft Pension Plan, later renamed the Pension Plan for Local 91 Bargaining Unit Employees

Effective Date

October 1, 1959.

Effective October 1, 2009, this plan was merged into the Park-Ohio Industries, Inc. and Subsidiaries Pension Plan. It was amended most recently effective January 1, 2024.

Coverage and Participation

Member of Bargaining Unit.

Normal Retirement Benefit

Eligibility – Age 65.

Benefit – The monthly benefit, if paid on a straight-life basis, is equal to \$30.00 per year of Credited Benefit Service for retirements prior to January 1, 2024. For retirements after January 1, 2024, the monthly benefit, if paid on a straight-life basis, is equal to \$30.00 per year of Credited Benefit Service earned prior to January 1, 2024 plus \$31 per year of Credited Benefit Service earned after January 1, 2024.

Early Retirement Benefit

Eligibility – Age 55 with at least 10 years of Credited Benefit Service (age 50 with 30 years of Credited Benefit Service).

After age 62, or after age 55 with the sum of age and years of Credited Benefit Service at least equal to 85, or after age 50 with 30 years of Credited Benefit Service, the employee receives an unreduced normal pension.

Otherwise, the employee receives his accrued normal retirement pension payable at age 65 or, alternatively, an immediate benefit reduced by 6/10% for each complete calendar month prior to age 65 but not under age 60, plus 4/10% for each completed calendar month prior to age 60 but not under age 55.

Employees who retire after age 50 with at least 30 years of Credited Benefit Service receive a Temporary Early Retirement Supplement to age 62, such that the Total monthly benefit is not less than \$1,000. At age 62 the benefit reverts to the Normal Retirement Benefit above (applies to retirements on or after August 1, 1992.)

Disability Benefit

Eligibility - On total and permanent disability resulting in retirement after January 31, 1971 with at least 10 years of Credited Benefit Service.

Benefit – The accrued normal retirement pension plus a temporary monthly pension of \$7.00 per year of credited service up to a maximum of \$175 monthly. The temporary pension ceases at age 65 or when the employee becomes eligible for an unreduced Social Security benefit.

Vested Benefits Upon Termination of Service

Eligibility – Any age and 5 years of Vesting Service (10 years for employees who terminated prior to October 1, 1989). All participants became fully vested in their accrued benefits as of December 16, 2009, due to an asset transfer under IRC 420. Similar asset transfers occurred annually through 2021, resulting in full and immediate vesting each December. Benefits accrued since 2021 are not automatically fully vested.

Benefit – The accrued normal retirement pension payable at age 65 or, alternatively, an actuarially reduced pension payable as early as age 55 if the employee meets the service requirements for early retirement.

Pre-Retirement Spouse's Benefit

Eligibility – A married vested employee who is still working or a vested former employee is automatically eligible unless he elects to waive the Surviving Spouse Benefit.

Benefit – The surviving spouse will receive the benefit she would have received if the employee had retired on the first day of the month of his death or, if later, at age 55, and had elected a 50% Joint and Survivor option. Deferred vested benefits are actuarially reduced to pay for this coverage.

Form of Payment

An employee may elect to receive his benefit on a straight-life basis or on an actuarially equivalent 50% or 75% Joint and Survivor basis. Unless otherwise elected, any benefit payable under the Plan shall be paid on a 50% Joint and Survivor basis, if the employee has been married to his current spouse for at least one year or on a straight-life basis otherwise.

Post-Retirement Benefit Increases

Certain increases were effective January 1, 1981, August 1, 1981 and August 1, 1982 for participants (other than former deferred vested participants or their beneficiaries) who retired prior to those dates.

Special Strike Settlement Agreement Benefits Effective June 29, 1992

Active Strikers: A participant who is classified as an Active Striker under the terms of the Strike Settlement Agreement, is age 50 with at least 25 years of Credited Benefit Service, and retires by

August 1, 1992 is eligible to receive his regular monthly benefit determined by using his Credited Benefit Service (inclusive of the 9 years of Credited Benefit Service granted during the duration of the strike) and an \$18.00 benefit unit commencing at age 62, and a temporary supplemental benefit payable to age 62, such that the total of this supplement and the unreduced monthly benefit determined above is not less than \$500 per month.

Class Eligible Employees: If a participant classified as a Class Eligible Employee retires under the provisions of the Plan, his benefit will be determined using the additional 9 years of Credited Benefit Service granted for the duration of the strike.

Certain Retired Participants: If a member of the Bargaining Unit retired during the strike (between July 11, 1983 and May 28, 1992) that retired participant will have his monthly pension benefit re-determined using an \$18.00 benefit unit.

Changes in Plan Provisions Since Last Actuarial Valuation

The monthly benefit awarded for Credited Benefit Service earned after January 1, 2024 was increased from \$30.00 per year to \$31,00 per year. Credited Benefit Service earned before January 1, 2024 remains \$30.00 per year.

Former Pension Plan for Certain Hourly-Rated Employees of Canton Drop Forge

Plan Provisions

Effective December 31, 2018, this plan was merged into the Park-Ohio Industries, Inc. and Subsidiaries Pension Plan. It was amended most recently effective February 26, 2023.

Covered employees All hourly employees of Plant B hired before February 27, 2005 will be Plan participants on their date of hire.

Participation freeze Plan participation is frozen as of February 27, 2005.

Definitions

Pension service A participant's continuous service shall be equal to the elapsed time of employment measured from the date of hire to the termination date of an employee.

Normal retirement date (NRD) First of month coinciding with or next following the attainment of age 65.

Monthly pension benefit A monthly life annuity starting at age 65 based on retirement date. Calculated as credited service up to 20 years times Rate A shown below, plus credit service in excess of 20 years times Rate B shown below, up to the applicable maximum service:

Retirement Date	Rate A	Rate B	Maximum Service
3/06/1996 – 3/01/1997	\$21.50	\$27.50	
3/02/1997 – 3/01/1998	22.25	28.25	
3/02/1998 – 3/01/1999	23.00	29.00	
3/02/1999 – 2/26/2000	24.00	30.00	
2/27/2000 – 2/26/2001	26.00	31.00	42
2/27/2001 – 2/26/2002	27.00	32.00	42
2/27/2002 – 2/26/2003	28.00	34.00	42
2/27/2003 – 2/26/2004	29.00	37.00	43
2/27/2007 – 12/31/2007	31.00	41.00	43
1/01/2008 – 2/28/2014	34.00	44.00	43
3/01/2014 – 2/26/2017	34.50	44.50	43
2/27/2017 – 2/25/2023	35.25	45.25	43
2/26/2023 and later	35.75	45.75	43

Actuarial Equivalence Basis 1983 Group Annuity Mortality Table (male rates for participants and female rates for beneficiaries) and an interest rate of 6%

Eligibility for Benefits

Normal retirement	Retirement on NRD
Early retirement	<p>55/30 Early Retirement – Attainment of age 55 and 30 years of continuous service</p> <p>60/25 Early Retirement – Attainment of age 60 and 25 years of continuous service</p> <p>60/15 Early Retirement – Attainment of age 60 and 15 years of continuous service</p>
Late retirement	After age 65 and five years of participation
Deferred vested termination	Termination after five years of continuous service.
Disability	Permanent and total disability at any age with at least 15 years of continuous service.
Surviving Spouse’s Benefit	Death of an active employee after the age of 50 with at least 15 years of Continuous Service
Preretirement death benefit	Death when 100% vested and not eligible for the Surviving Spouse’s Benefit.
Supplemental Benefit	<ul style="list-style-type: none"> • Participants who retire between March 1, 1997 and February 28, 1999, who are eligible for the “60/25 Early Retirement” and who have yet to attain age 65 • Participants who retire between February 27, 2005 and February 26, 2008, who are eligible for the “60/25 Early Retirement” or “55/30 Early Retirement” and who have yet to attain age 65 • Participants who retire after February 27, 2014, who are eligible for the “60/25 Early Retirement” or “55/30 Early Retirement” and who have yet to attain age 65

Amount of Benefits	
Normal retirement	The accrued benefit.
Early retirement	<p>55/30 Early Retirement – The accrued benefit</p> <p>60/25 Early Retirement – The accrued benefit</p> <p>60/15 Early Retirement – The vested benefit commences in full at age 65, or as early as age 60 in a reduced amount equal to the actuarial equivalent of the accrued benefit at age 65.</p>
Late retirement	The accrued benefit calculated using service accrued through the actual retirement date and the benefit unit in effect at termination.
Deferred vested termination	The accrued benefit commencing at age 65. If the participant has at least 15 years of continuous service, they can retire after age 60 under the “60/15 Early Retirement” provisions.
Disablement	The accrued benefit at the time of disability is payable on an unreduced basis.
Surviving Spouse’s Benefit	50% of the benefit as though the employee had elected to retire the day before death assuming the employee’s age at death was at least 65. This benefit shall be reduced by ½% for each year the spouse is under the age of 50. After the spouse’s attainment of age 65 the benefit will be 50% of the actuarially reduced benefit assuming the employee had retired at normal retirement age and accepted the 50% joint and survivor benefit.
Preretirement death	50% of the benefit the employee would have received if he would have elected the 50% Joint and Survivor benefit the day before his death. If the employee has not yet attained age 60, the benefit is calculated using service on the date of death and assuming the employee survived to age 60. The benefit is payable at the later of when the employee would have been age 60 or at the employee’s death.
Supplemental Benefit	<ul style="list-style-type: none"> • Participants who retire between March 1, 1997 and February 28, 1999: \$100 • Participants who retire between February 27, 2005 and February 26, 2008: \$200 • Participants who retire after February 27, 2014: \$200 <p>These supplemental benefits will be paid until the earlier of the attainment of age 65 or the death of the participant.</p>

Other Plan Provisions

Pension Increases	Those participants who retire from active status during the term of the union contract will receive an increase in their pension as the benefit unit increases.
Optional Forms of Payment	Life Annuity, Joint and 50% Survivor Annuity, Joint and 75% Survivor Annuity
Maximum limits on benefits and pay	All benefits and pay for any calendar year may not exceed the maximum limitations for that year as defined in the Internal Revenue Code. The plan provides for increasing the dollar limits automatically as such changes take effect. Increases in the dollar limits are not assumed for funding or AFTAP purposes.

Future Plan Changes

WTW is not aware of any future plan changes that are required to be reflected.

Changes in Plan Provisions Since Last Actuarial Valuation

For retirements on and after February 26, 2023, the monthly benefit awarded for each year of service in the first 20 years (Rate A) was increased from 35.25 to 35.75 and the monthly benefit awarded for each year of service beyond 20 years (Rate B) was increased from 45.25 to 45.75.

SCHEDULE SB ATTACHMENTS

Cash Balance Plan

Effective Date

April 1, 2011 (as amended most recently effective October 1, 2022).

Coverage and Participation

Coverage is as defined under Covered Employment Classifications in the plan document. In general, employees of the Parent Company and most Related Companies are covered, with the exception of some bargained employees.

Participation for covered employees begins on the first Entry Date following:

- (a) Attainment of age 21, and
- (b) Prior to October 1, 2022, the Employee's completion of two years of Eligibility Service. Effective October 1, 2022, the Employee completion of 30 days of Eligibility Service.

Covered Employees who have attained age 21 and with 30 days of service and less than two years of eligibility service as of October 1, 2022 are immediately eligible to participate and such eligibility service will be treated as vesting service.

As part of a transition services agreement, active pension participants of Park-Ohio's General Aluminum Manufacturing Company (GAMCO) business, will continue to participate in the Plan through March 31, 2024. On April 1, 2024, the affected population will cease participating in the Plan.

Entry Date

On and after October 1, 2022, the first day of a calendar month.

Prior to October 1, 2022 the first day of January, April, July and October, with April 1, 2011 being the first Entry Date. Employees of the Bates division began accruing benefits under the cash balance formula effective January 1, 2016. Employees of the Fluid Routing Solutions division began accruing benefits under the cash balance formula effective January 1, 2018. Employees of the Autoform division began accruing benefits under the cash balance formula effective January 1, 2019.

Vesting

On and after October 1, 2022, participants become 100% vested in their accrued benefit after attaining two years of vesting service.

Plan Name:	Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN:	34-6520107/002
Plan Sponsor:	Park Ohio Industries, Inc.
Valuation Date:	January 1, 2024

SCHEDULE SB ATTACHMENTS

Prior to October 1, 2022, covered employees became 100% vested in their accrued benefit upon their entry date, as defined at that time.

Active pension participants of Park-Ohio's General Aluminum Manufacturing Company (GAMCO) business became 100% vested in their cash balance account.

Cash Balance Account

Initial balance: The starting balance in the cash balance account as of April 1, 2011 is zero.

Pay credits: Pay credits equal to 2% of pay are deposited at the end of each quarter from April 1, 2011 to December 31, 2017. Pay credits equal to 2.50% of pay for each quarter from December 31, 2017 to June 30, 2020 are deposited at the end of each quarter. Pay credits equal to 3.00% of pay for each quarter after June 30, 2021 are deposited at the end of each quarter effective July 1, 2021. Pay is limited to the amounts provided under IRC Section 401(a)(17).

Interest credits: Interest credits are applied quarterly equal to the quarterly interest rate equivalent of the average yield on nominal 1-year Treasury constant maturities for the second month of the preceding Plan Year Quarter, as reported in Federal Reserve Statistical Release H.15. Notwithstanding the foregoing, in no event shall the interest rate for a Plan Year Quarter be less than a rate that is equivalent of a 3.00% annual rate or greater than a rate that is equivalent of a 7.0% annual rate. Interest is credited until the date of commencement of benefits.

Normal Retirement

Eligibility – Age 65.

Monthly Benefit – The normal retirement benefit is a monthly pension payable for life commencing at age 65 equal to the actuarial equivalent of the participant's cash balance account. Actuarial equivalence is based on the IRC 417(e) assumptions in effect at the annuity starting date.

Form of Payment

An employee may elect to receive his benefit as a single lump sum equal to the cash balance account, on a single-life annuity basis or on an actuarially equivalent 50% or 100% Joint and Survivor annuity basis. A married employee shall receive his benefit on a reduced 100% Joint and Survivor actuarially equivalent annuity basis unless he elects (with consent of his spouse) an alternative form of benefit. The same forms of payment apply to vested terminated participants. A terminated participant who defers commencement retains the right to elect a lump sum.

If the cash balance account is less than \$7,000 at termination of employment, the benefit will automatically be distributed in lump sum form. For Metalloy employees with accrued benefits under the former Metalloy Plan, the \$7,000 threshold applies to total benefit value.

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Vested Benefits Upon Termination of Service

Termination Benefit – The deferred vested monthly pension, commencing on or prior to the Normal Retirement Date, is the actuarial equivalent of the participant's cash balance account. Other than plan participation requirements, there are no age or service requirements for early benefit commencement.

Disability Benefits

There is no distinction between termination due to disability and termination due to other causes.

Late Retirement Benefits

Pay credits and interest credits will continue past normal retirement date. For participants other than 5% owners, there will be no commencement of payment prior to termination of employment. An actuarial increase is applied to the benefit for periods of employment beyond April 1 of the year after the year in which age 70.5 is attained.

Death Benefits Before Retirement

If a vested active or vested terminated participant dies prior to benefit commencement, his beneficiary shall receive a lump sum benefit equal to the participant's cash balance account as of the date of death. If there is no designated beneficiary, payment will be made to the estate.

If the beneficiary is the participant's surviving spouse, the beneficiary may elect to receive the benefit as a 100% Joint and Survivor annuity.

If a participant is not vested and dies before the commencement date of all or any portion of the participant's accrued benefit, no death benefit shall be payable to any person on account of the death of the participant, and the participant's account shall be forfeited.

There is no charge for pre-retirement death benefit coverage.

Changes in Plan Provisions since Last Actuarial Valuation

Effective on December 29, 2023, Park-Ohio announced the divestiture of its Aluminum Products business (GAMCO). We understand that Park-Ohio GAMCO employees were employed until May 31, 2024, at which point they were terminated from Park-Ohio and became employees of the purchasing company. Related to the GAMCO divestiture, we understand that Park-Ohio amended the Plan to fully vest all employees terminated as part of the divestiture.

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26a Schedule of Active Participant Data as of January 1, 2024

Attained Age	Under 1		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40 & Over		Total
	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	
Under 25	65	23,430	59	42,896	0		0		0		0		0		0		0		0		124
25-29	91	24,656	109	50,485	6		0		0		0		0		0		0		0		206
30-34	93	29,401	114	57,376	26	63,569	3		0		0		0		0		0		0		236
35-39	71	31,841	88	58,532	44	71,209	25	87,703	0		0		0		0		0		0		228
40-44	56	29,829	96	60,547	49	63,098	47	80,569	2		1		0		0		0		0		251
45-49	78	37,264	115	61,792	73	66,984	71	80,451	1		3		0		0		0		0		341
50-54	67	40,094	89	68,388	67	69,134	104	91,893	4		3		2		0		0		0		336
55-59	62	43,836	78	62,589	90	75,449	136	85,876	2		5		0		1		0		0		374
60-64	31	40,762	82	61,632	75	68,170	150	92,211	1		3		3		8		1		0		354
65-69	9		27	67,637	26		106	82,080	1		1		0		0		0		1		171
70 & over	7		6		13		50	65,543	0		0		1		0		0		0		77
Total	630		863		469		692		11		16		6		9		1		1		2,698

¹ Age and service for purposes of determining category are based on exact (not rounded) values.
Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26a

Schedule of Active Participant Data for Cash Balance Plans as of January 1, 2024

Attained Age	Under 1		1-4		5-9		10-14		15-19		20-24		25-29		30-34		35-39		40 & Over		Total
	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	No.	Avg. Comp.	
Under 25	65	411	59	1,719	0		0		0		0		0		0		0		0		124
25-29	91	596	109	2,571	6		0		0		0		0		0		0		0		206
30-34	93	655	114	2,886	26	9,660	3		0		0		0		0		0		0		236
35-39	71	702	88	3,363	44	10,387	25	21,175	0		0		0		0		0		0		228
40-44	56	636	96	3,836	48	10,122	47	20,518	0		0		0		0		0		0		247
45-49	78	951	115	3,969	73	11,104	71	21,134	0		0		0		0		0		0		337
50-54	67	847	89	4,172	67	11,122	102	25,182	0		0		0		0		0		0		325
55-59	62	1,318	78	4,005	90	12,073	134	24,654	0		0		0		0		0		0		364
60-64	30	931	82	3,928	74	12,006	150	27,332	0		0		0		0		0		0		336
65-69	9		27	4,233	26	15,711	105	25,786	0		0		0		0		0		0		167
70 & over	7		6		13		50	22,180	0		0		0		0		0		0		76
Total	629		863		467		687		0		0		0		0		0		0		2,646

² Age and service for purposes of determining category are based on exact (not rounded) values.

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
 EIN / PN: 34-6520107/002
 Plan Sponsor: Park Ohio Industries, Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26b Schedule of Projection of Expected Benefit Payments

Plan Year	Active Participants	Terminated Vested Participants	Retired Participants and Beneficiaries Receiving Payments	Total
2024	7,104,621	1,962,580	3,553,971	12,621,172
2025	2,249,137	419,798	3,466,771	6,135,706
2026	2,228,925	570,928	3,337,563	6,137,416
2027	2,106,909	701,854	3,209,341	6,018,104
2028	1,902,380	519,618	3,080,176	5,502,174
2029	1,838,452	658,505	2,947,005	5,443,962
2030	1,752,348	663,041	2,813,609	5,228,998
2031	1,642,984	690,505	2,680,253	5,013,742
2032	1,587,611	760,018	2,546,049	4,893,678
2033	1,505,506	691,875	2,410,137	4,607,518
2034	1,477,851	780,680	2,273,912	4,532,443
2035	1,377,484	695,768	2,139,873	4,213,125
2036	1,250,411	647,500	2,006,136	3,904,047
2037	1,179,923	733,156	1,873,103	3,786,182
2038	1,111,519	647,841	1,741,211	3,500,571
2039	1,079,893	651,761	1,610,933	3,342,587
2040	1,017,273	710,737	1,482,794	3,210,804
2041	954,210	565,827	1,357,359	2,877,396
2042	882,750	621,232	1,235,227	2,739,209
2043	779,856	623,383	1,117,023	2,520,262
2044	786,835	638,738	1,003,371	2,428,944
2045	726,707	515,923	894,887	2,137,517
2046	659,336	589,655	792,152	2,041,143
2047	619,666	525,194	695,688	1,840,548
2048	544,829	556,783	605,957	1,707,569
2049	556,331	467,218	523,330	1,546,879
2050	536,828	453,304	448,061	1,438,193
2051	400,086	428,496	380,277	1,208,859
2052	422,601	397,000	319,953	1,139,554
2053	366,030	415,253	266,912	1,048,195
2054	308,442	396,842	220,841	926,125
2055	311,327	345,183	181,304	837,814

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

2056	271,262	321,014	147,777	740,053
2057	239,801	294,958	119,667	654,426
2058	208,068	291,515	96,359	595,942
2059	193,252	241,038	77,234	511,524
2060	155,827	227,764	61,698	445,289
2061	167,460	195,964	49,197	412,621
2062	127,776	177,266	39,224	344,266
2063	117,793	158,840	31,330	307,963
2064	103,739	144,583	25,127	273,449
2065	86,428	121,653	20,283	228,364
2066	70,481	113,008	16,525	200,014
2067	62,016	97,382	13,622	173,020
2068	46,982	87,545	11,390	145,917
2069	40,142	78,743	9,678	128,563
2070	33,938	70,594	8,366	112,898
2071	28,372	63,051	7,361	98,784
2072	23,533	56,073	6,588	86,194
2073	19,377	49,629	5,990	74,996

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB – Statement by Enrolled Actuary

Plan Sponsor	Park Ohio Industries, Inc.
EIN/PN	34-6520107/002
Plan Name	Park Ohio Industries and Subsidiaries Pension Plan
Valuation Date	January 1, 2024
Enrolled Actuary	Thomas A. Poccia
Enrollment Number	23-08280

The actuarial assumptions that are not mandated by IRC § 430 and regulations, represent the enrolled actuary's best estimate of anticipated experience under the plan, subject to the following conditions:

The actuarial valuation, on which the information in this Schedule SB is based, has been prepared in reliance upon the employee and financial data furnished by the plan administrator and the trustee. The enrolled actuary has not made a rigorous check of the accuracy of this information but has accepted it after reviewing it and concluding it is reasonable in relation to similar information furnished in previous years. The amounts of contributions and dates paid shown in Item 18 of Schedule SB were listed in reliance on information provided by the plan administrator and/or trustee.

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 22 Description of Weighted Average Retirement Age as of January 1, 2024

The Plan's weighted average retirement age of 66 reflects the combination of results for participants from the Ohio Crankshaft division, the Canton Drop Forge division, and the cash balance portion of the plan. These results are presented below.

Determination of Weighted Average Retirement Age for Plan (Counts Based on January 1, 2024 data)

	Age	Count	Weighted Age
Crankshaft	62.30	22	0.508
Cash Balance	65.62	2,646	64.330
Canton Drop Forge	63.16	31	0.725
Total Weighted Average Retirement Age	=====>	2,699	65.56

Ohio Crankshaft Participants

See Schedule SB, Part V for retirement rates. The average retirement age for Line 22 was calculated by determining the average age at retirement for those current active participants expected to reach retirement, based on all current decrements assumed.

Age of Retirement	Rates of Retirement	% Retiring	Weighted Ages
(A)	(B)	(C)	(A)*(C)
55	2.00%	2.00%	1.1000
56	2.00%	1.96%	1.0976
57	2.00%	1.92%	1.0949
58	2.00%	1.88%	1.0918
59	2.00%	1.84%	1.0884
60	10.00%	9.04%	5.4235
61	2.00%	1.63%	0.9925
62	50.00%	39.86%	24.7150
63	20.00%	7.97%	5.0227
64	25.00%	7.97%	5.1025
65	90.00%	21.53%	13.9919
66	100.00%	2.39%	1.5786
Retirement Age =====>			62.30

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
 EIN / PN: 34-6520107/002
 Plan Sponsor: Park Ohio Industries, Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 22 Description of Weighted Average Retirement Age as of January 1, 2024 (Continued)

Cash Balance Participants

See Schedule SB, Part V for retirement rates. The average retirement age for Line 22 was calculated by determining the average age at retirement for those current active participants expected to reach retirement, based on all current decrements assumed.

Age of Retirement	Rates of Retirement	% Retiring	Weighted Ages
(A)	(B)	(C)	(A)*(C)
60	5.00%	5.00%	3.0000
61	5.00%	4.75%	2.8975
62	12.00%	10.83%	6.7146
63	12.00%	9.53%	6.0042
64	12.00%	8.39%	5.3675
65	18.00%	11.07%	7.1958
66	25.00%	12.61%	8.3213
67	25.00%	9.46%	6.3356
68	25.00%	7.09%	4.8226
69	25.00%	5.32%	3.6701
70	25.00%	3.99%	2.7925
71	100.00%	11.97%	8.4972
Retirement Age =====>			65.62

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
 EIN / PN: 34-6520107/002
 Plan Sponsor: Park Ohio Industries, Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 22
Description of Weighted Average Retirement Age
as of January 1, 2024 (Continued)

Canton Drop Forge Participants

See Schedule SB, Part V for retirement rates. The average retirement age for Line 22 was calculated by determining the average age at retirement for those current active participants expected to reach retirement, based on all current decrements assumed.

Less than 25 years of service

Age of Retirement	Rates of Retirement	% Retiring	Weighted Ages
(A)	(B)	(C)	(A)*(C)
60	2.00%	2.00%	1.2000
61	3.00%	2.94%	1.7934
62	10.00%	9.51%	5.8937
63	5.00%	4.28%	2.6950
64	5.00%	4.06%	2.6008
65	75.00%	57.91%	37.6411
66	50.00%	9.65%	6.3700
67	50.00%	4.83%	3.2333
68	50.00%	2.41%	1.6408
69	50.00%	1.21%	0.8324
70	100.00%	1.21%	0.8445
Retirement Age =====>			64.75

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
 EIN / PN: 34-6520107/002
 Plan Sponsor: Park Ohio Industries, Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 22
Description of Weighted Average Retirement Age
as of January 1, 2024 (Continued)

Canton Drop Forge Participants

25 to 30 years of service

Age of Retirement	Rates of Retirement	% Retiring	Weighted Ages
(A)	(B)	(C)	(A)*(C)
60	15.00%	15.00%	9.0000
61	15.00%	12.75%	7.7775
62	35.00%	25.29%	15.6783
63	15.00%	7.04%	4.4380
64	15.00%	5.99%	3.8321
65	75.00%	25.45%	16.5411
66	50.00%	4.24%	2.7993
67	50.00%	2.12%	1.4208
68	50.00%	1.06%	0.7210
69	50.00%	0.53%	0.3658
70	100.00%	0.53%	0.3711
Retirement Age =====>			62.94

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
 EIN / PN: 34-6520107/002
 Plan Sponsor: Park Ohio Industries, Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 22
Description of Weighted Average Retirement Age
as of January 1, 2024 (Continued)

Canton Drop Forge Participants

More than 30 years of service

Age of Retirement	Rates of Retirement	% Retiring	Weighted Ages
(A)	(B)	(C)	(A)*(C)
55	3.00%	3.00%	1.6500
56	3.00%	2.91%	1.6296
57	3.00%	2.82%	1.6089
58	5.00%	4.56%	2.6468
59	5.00%	4.34%	2.5578
60	15.00%	12.36%	7.4132
61	15.00%	10.50%	6.4062
62	40.00%	23.80%	14.7588
63	20.00%	7.14%	4.4991
64	20.00%	5.71%	3.6564
65	75.00%	17.14%	11.1405
66	50.00%	2.86%	1.8853
67	50.00%	1.43%	0.9569
68	50.00%	0.71%	0.4856
69	50.00%	0.36%	0.2464
70	100.00%	0.36%	0.2499
Retirement Age =====>			61.79
Average Retirement Age for all Canton Drop Forge			63.16

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
 EIN / PN: 34-6520107/002
 Plan Sponsor: Park Ohio Industries, Inc.
 Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26b

Schedule of Projection of Expected Benefit Payments

Plan Year	Active Participants	Terminated Vested Participants	Retired Participants and Beneficiaries Receiving Payments	Total
2024	7,104,621	1,962,580	3,553,971	12,621,172
2025	2,249,137	419,798	3,466,771	6,135,706
2026	2,228,925	570,928	3,337,563	6,137,416
2027	2,106,909	701,854	3,209,341	6,018,104
2028	1,902,380	519,618	3,080,176	5,502,174
2029	1,838,452	658,505	2,947,005	5,443,962
2030	1,752,348	663,041	2,813,609	5,228,998
2031	1,642,984	690,505	2,680,253	5,013,742
2032	1,587,611	760,018	2,546,049	4,893,678
2033	1,505,506	691,875	2,410,137	4,607,518
2034	1,477,851	780,680	2,273,912	4,532,443
2035	1,377,484	695,768	2,139,873	4,213,125
2036	1,250,411	647,500	2,006,136	3,904,047
2037	1,179,923	733,156	1,873,103	3,786,182
2038	1,111,519	647,841	1,741,211	3,500,571
2039	1,079,893	651,761	1,610,933	3,342,587
2040	1,017,273	710,737	1,482,794	3,210,804
2041	954,210	565,827	1,357,359	2,877,396
2042	882,750	621,232	1,235,227	2,739,209
2043	779,856	623,383	1,117,023	2,520,262
2044	786,835	638,738	1,003,371	2,428,944
2045	726,707	515,923	894,887	2,137,517
2046	659,336	589,655	792,152	2,041,143
2047	619,666	525,194	695,688	1,840,548
2048	544,829	556,783	605,957	1,707,569
2049	556,331	467,218	523,330	1,546,879
2050	536,828	453,304	448,061	1,438,193
2051	400,086	428,496	380,277	1,208,859
2052	422,601	397,000	319,953	1,139,554
2053	366,030	415,253	266,912	1,048,195
2054	308,442	396,842	220,841	926,125
2055	311,327	345,183	181,304	837,814

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

2056	271,262	321,014	147,777	740,053
2057	239,801	294,958	119,667	654,426
2058	208,068	291,515	96,359	595,942
2059	193,252	241,038	77,234	511,524
2060	155,827	227,764	61,698	445,289
2061	167,460	195,964	49,197	412,621
2062	127,776	177,266	39,224	344,266
2063	117,793	158,840	31,330	307,963
2064	103,739	144,583	25,127	273,449
2065	86,428	121,653	20,283	228,364
2066	70,481	113,008	16,525	200,014
2067	62,016	97,382	13,622	173,020
2068	46,982	87,545	11,390	145,917
2069	40,142	78,743	9,678	128,563
2070	33,938	70,594	8,366	112,898
2071	28,372	63,051	7,361	98,784
2072	23,533	56,073	6,588	86,194
2073	19,377	49,629	5,990	74,996

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

Schedule SB, Part V Summary of Plan Provisions

Plan Sponsor

Park-Ohio Industries, Inc.

Plan

Park-Ohio Industries, Inc. and Subsidiaries Pension Plan

Former Metalloy Corporation Plan

Effective Date

December 1, 1964 (as amended and restated effective January 1, 2002). The 2004 amendments including revisions for past service of Metalloy participants have been reflected in this report.

Participation

Hourly Metalloy Employees shall be eligible to participate on the first day of the month coinciding with or next following completion of one year of service and attainment of age 21.

Normal Retirement

Eligibility – Age 65.

Monthly Benefit – The normal retirement benefit is a monthly pension payable for life commencing at age 65 equal to the unit below times Benefit Service.

Benefit Service equals the number of plan years in which a participant is paid for 1,000 hours or more as a participant; for the plan year in which an employee becomes a participant the Benefit Service credit equals the number of hours the employee was paid in such year (including hours prior to becoming a participant) divided by 1,000, with the result rounded to the nearest 1/10 and capped at 1.0 years.

The definition of Benefit Service was changed in 2004 to reflect some Benefit Service for periods prior to the plan year in which employees became participants; only Metalloy employees were affected. This applied to the employees who were active as of the amendment date and some participants who had already terminated.

Certain non-union employees and retirees did not get all the below benefit unit changes. Those in Tupelo, Mississippi have not increased from \$16.00 and the last increase for retirees was on March 1, 1996. Those in Fremont, Indiana have not increased from \$17.00 and the last increase for retirees was on March 1, 1997. Additionally, effective May 31, 1999, no additional Benefit service will be credited to any non-union hourly employee.

Unit Changes				
Actives			Retirees	
2/1/92*	\$12.50		3/1/92	\$0.50
2/1/93*	13.00		3/1/93	0.50
2/1/94*	14.00		3/1/94	0.50
2/1/95*	15.00		3/1/95	0.50
3/1/96	16.00		3/1/96	1.00
3/1/97	17.00		3/1/97	1.00
3/1/98	18.00		3/1/98	1.00
3/1/99	19.00		3/1/99	1.00
3/6/00	20.00		3/6/00	1.00
3/5/01	21.00		3/5/01	1.00
3/4/02	22.00		3/4/02	1.00
3/3/03	23.00		3/3/03	1.00

* first payable March 1

Unreduced Early Retirement

Eligibility – Age 62 and 20 years of Vesting Service, or having age plus Benefit Service equal 85 or more.

Monthly Benefit – An immediate benefit equal to the Normal Retirement benefit, unreduced for early commencement.

Early Retirement

Eligibility – Age 55 and 5 years of Vesting Service.

Monthly Benefit – An immediately payable benefit equalling the Normal Retirement benefit reduced by one half (1/2) percent for each month between the benefit commencement date and the employee’s normal retirement date.

Disability Retirement

Eligibility – Any age if Social Security Disability is paid.

Monthly Benefit – An immediate benefit equal to benefit unit in effect at disablement multiplied by service (up to 40 years) less, prior to age 65, any Workmen’s Compensation benefits. Until actually awarded it is assumed Workmen’s Compensation benefits will not be payable.

Termination Benefit

Eligibility – Termination of employment prior to retirement after completion of at least 5 years of Vesting Service.

Monthly Benefit – 100% of the normal retirement benefit payable at his normal retirement date. An employee whose last day of work is March 1, 1992, or later, can receive *reduced* benefits as early as age 55; the one half (1/2) percent reductions described in “Early Retirement Benefit” above also apply here but unreduced benefits are not available.

Late Retirement

Eligibility – Over Age 65.

An immediate benefit equal to the greater of i) the benefit accrued at the participant’s Normal Retirement Date actuarially increased to the actual retirement date and ii) Accrued Benefit as of the actual retirement date.

Pre-Retirement Spouse’s Death Benefit

Eligibility – Vested participants (including terminated employees not yet receiving benefits) who are married.

Monthly Benefit – A death benefit, commencing at the date the participant would have been eligible to retire (based on his service at death), equal to 50% of that to which the participant would have been entitled had he i) survived at least to such date with the accrued benefit he had when he died, ii) elected Retirement (from a terminated vested status if benefit commencement is deferred), iii) accepted the spouse’s annuity benefits form and iv) died immediately thereafter. There is no charge for this coverage.

Form of Payment

Life Annuity – monthly payments for the life of the participant.

Joint and Survivor Annuity – monthly payments for the life of the participant with 50%, 67%, 75%, or 100% of the benefit continuing to the beneficiary.

Life annuity with payments guaranteed to continue for 5 or 10 years.

Changes in Plan Provisions Since Last Actuarial Valuation

None.

Former Bennett Plan

Effective Date

January 1, 1972 (as amended most recently effective March 1, 1994).

Credited Benefit Service

For employees retiring after 1974, this is service after 1971. Credited Benefit Service ceased to accrue as of December 30, 1993.

Normal Retirement

Eligibility - Age 65 or over with 5 years or more of Eligibility Service.

Monthly Benefit - For a participant who terminated or retired prior to December 30, 1993, the product of Credited Benefit Service and the benefit unit in effect for the periods as described below:

For Credited Benefit Service Earned	Benefit Unit
From 1/1/72 to 2/28/86	\$13.00
From 3/1/86 to 2/28/87	13.50
From 3/1/87 to 2/29/88	14.00
From 3/1/88 to 2/28/89	14.50
From 3/1/89 to 2/28/90	16.00
From 3/1/90 to 2/28/91	16.50
From 3/1/91 to 2/28/94	17.00
On or After 3/1/94	19.00

For participants who were active employees as of December 30, 1993, their Monthly Benefit is the product of all Credited Benefit Service and the \$19.00 benefit unit.

Early Retirement

Eligibility - Age 60 with 10 or more years of Eligibility Service.

Monthly Benefit - An actuarially reduced immediate benefit computed under the above benefit units, using service at the time of early retirement; or an unreduced benefit starting at age 65.

Disability Retirement

Eligibility - Any age and 10 or more years of Eligibility Service.

Monthly Benefit - An immediate benefit as computed under the above benefit units, using service at time of disability retirement. The benefit will become permanent at age 65 if the participant continues to be disabled to that age. Normal Retirement benefit is payable after age 65.

Deferred Vested Retirement

Eligibility - 5 or more years of Eligibility Service.

Monthly Benefit - A benefit (payable at age 65) is determined using the above benefit units. A reduced benefit is available as early as age 60 if the employee has at least 10 years of Eligibility Service.

Surviving Spouse Benefit

A participant who has not retired but who otherwise satisfies the eligibility requirements for vesting has a death benefit whereby if he dies, his spouse would receive the benefit she would have received if he had retired the day before his death and elected a 50% joint and survivor annuity. This benefit is payable beginning immediately or when the employee would have reached age 55, if later. The cost of this coverage is subsidized by the Company.

Voluntary Early Retirement/Termination Program

Eligibility - Any participant at the Peotone Plant that elected voluntary termination or retirement due to the shifting of operations elsewhere, during the period from March 1, 1992 to April 10, 1992.

If the participant had attained age 55 with at least 10 years of Eligibility Service his monthly benefit payable June 1, 1992 would be determined using:

- (a) his Credited Service as of March 1, 1992 plus 5 years, and
- (b) his attained age as of March 1, 1992 plus 5 years.

If the participant had not met the requirements of age 55 and 10 years of Eligibility Service, he would become vested in his accrued benefit as of March 1, 1992 regardless of his age or duration of service.

Changes in Plan Provisions Since Last Actuarial Valuation

None.

Former Castle Rubber Plan

Effective Date

October 29, 1955 (as last restated effective January 1, 2002).

Normal Retirement

Eligibility – Age 65 or over with 5 or more years of Service (automatic at age 70).

Monthly Benefit – The normal retirement benefit is a monthly benefit, if paid on a straight-life basis, equal to the indicated Benefit Unit times years of Benefit Service:

Date of Retirement	Benefit Unit
Prior to 3/5/1996	\$18.00
3/5/1996 – 7/19/1997	18.25
7/20/1997 – 7/18/1998	18.50
7/19/1998 – 7/17/1999	18.75
7/18/1999 – 7/15/2000	19.75
7/16/2000 – 7/14/2001	20.25
7/15/2001 & thereafter	20.75

Unreduced Early Retirement

Eligibility – On retirement after June 17, 1977 between ages 55 and 65 with at least 30 years of Service, or prior to age 55 with at least 30 years of Service and such that the sum of years of age and Service equals at least 85.

Monthly Benefit – An immediate benefit computed under the above benefit units, unreduced for early commencement.

Early Retirement

Eligibility – Age 55 with 20 or more years of Service.

Monthly Benefit – An immediate benefit computed under the above benefit units, using Service at time of early retirement, with reduction of 4/10% for each month retirement precedes age 65.

Disability Retirement

Eligibility – 10 or more years of Service.

Monthly Benefit – An immediate benefit equal to twice the accrued normal retirement benefit, unreduced for early commencement. If the employee is receiving Federal Social Security benefits for either disability or age, an immediate benefit equal to the accrued normal retirement benefit, unreduced for early commencement.

Nature of Benefit – A temporary benefit until age 65, subject to discontinuance upon recovery from disability. Normal retirement benefit is payable after age 65.

Termination Benefit

Eligibility – Termination of employment at any age and 5 or more years of Service.

Monthly Benefit – A benefit beginning at age 65 computed under the above benefit units, based on Service to time of termination. Benefit may begin as early as age 55 if employee had 20 years of Service; benefit would be reduced as under Early Retirement above.

Under the terms of the sale of operations, participants with less than 5 years of service were vested. Their benefits will be cashed out.

Pre-Retirement Spouse’s Death Benefit

Eligibility – Vested married employees (and certain vested former employees) with 5 or more years of Service.

Nature of Benefit – May elect Death Benefit coverage prior to his actual retirement. In the event of death before retirement the spouse would receive the benefit she would have received if the employee had retired immediately before death and elected the Joint and Survivor form of annuity. If the employee elects this option, his benefit is reduced to pay for this coverage as follows:

Period of Coverage	Benefit Reduction Per Year of Coverage
Below Age 45	.001
45 – 54	.002
55 – 64	.005

Form of Payment

An employee may elect to receive his benefit on a straight-life basis or on an actuarially equivalent Joint and Survivor basis. Unless otherwise elected, a benefit payable under the plan shall be paid:

1. On a 50% Joint and Survivor basis; of the employees that have a spouse; or
2. On a straight-life basis otherwise.

Changes in Plan Provisions Since Last Actuarial Valuation

None.

Former RB&W Hourly Plan – CHICAGO PLANT

Effective Date

September 1, 1950, as amended effective July 1, 1990. Effective December 31, 1993, this plan was merged into the RB&W Corporation Hourly Employees Pension Plan.

Participation

All bargaining unit employees at the location. The Plant was sold effective August 9, 1993. All benefit accruals were frozen as of that date.

Crediting of Service

- a. Vesting Service - One year is credited for each Plan Year after January 1, 1976 in which at least 87 days of service are completed; service prior to January 1, 1976 is computed based upon the provisions of the Plan then in effect.
- b. Credited Service - One year is credited for each plan year in which an employee works some part of 150 or more days. If an employee works less than 150 days but 87 or more days, 3/5 of a year is credited. No service is credited for less than 87 days. Service prior to January 1, 1976 is computed based upon the provisions of the Plan then in effect.

Normal Retirement

Eligible at age 65.

A monthly benefit, if paid on a straight life basis, equal to Years of Credited Service multiplied by the rate in effect at the time of retirement, as follows:

Retirement Date	Benefit Rate
Before 4/1/1985	\$13.00
4/1/1985 - 3/31/1986	14.00
4/1/1986 - 6/30/1990	14.75
7/1/1990 - 6/30/1991	15.25
7/1/1991 - 6/30/1992	15.75
7/1/1992 and after	16.00

Early Retirement

Eligible at age 60 and 10 years of Vesting Service.

The accrued normal retirement pension payable at age 65 or a reduced pension payable immediately. The pension is reduced by 6/10 of 1% for each month that pension commencement precedes age 65.

Disability Retirement

Eligible if totally and permanently disabled after 10 years of Vesting Service.

The disability benefit is equal to the accrued normal retirement pension or \$200 per month if greater.

Deferred Vested Termination

Eligible at any age and 5 years of Vesting Service.

The termination benefit is equal to the accrued normal retirement pension payable at age 65 or, if the participant has at least 10 years of Vesting Service, a reduced pension payable as early as age 60.

Pre-Retirement Spouse's Benefit

Eligible upon the death of an employee or former employee after completion of 5 years Vesting Service. There is no charge for this coverage.

If participant is over age 55 with 10 years of Vesting Service at the time of his death, his spouse receives a monthly lifetime pension equal to 50% of the participant's accrued benefit.

If the participant is under age 55 at the time of his death, his spouse will receive a lifetime monthly pension commencing on the first day of the month after the participant would have attained age 60. The pension is equal to 50% of the reduced amount he would have received if he had terminated employment as of the date of his death, survived to age 60, and elected the 50% Joint and Survivor option.

Form of Payment

An employee may elect to receive his benefit on a straight-life basis or on an actuarially equivalent Joint and Survivor basis. A married employee shall receive his benefit on a reduced 50% Joint and Survivor actuarially equivalent basis unless he elects (with consent of his spouse) an alternative form of benefit. A single employee shall receive his benefit on a life annuity basis. Other options are available.

Changes in Plan Provisions Since Last Actuarial Valuation

None.

Former RB&W Hourly Plan- CORAOPOLIS PLANT

Effective date

November 1, 1957, as amended effective February 27, 1996. Effective December 31, 1993, this Plan was merged into the RB&W Corporation Hourly Employees Pension Plan.

Plan Eligibility

Members of United Steelworkers of America, CIO, Local No. 3196 and all other employees on a full-time hourly pay basis at the Coraopolis, Pennsylvania location of the Corporation. The plant was closed effective April 1, 2002. All participants became retirees or vested terminations.

Normal Retirement Benefits

Eligible at age 65 and completion of five years of continuous service.

The monthly amount of benefit is equal to 1.1% of average monthly earnings for the 10 years preceding retirement multiplied by the number of years of continuous service to date of retirement not in excess of 30 years plus 1.2% of such compensation multiplied by the number of years of continuous service in excess of 30 years.

The above benefit is subject to a deduction on account of Social Security of \$80 per month.

The minimum monthly benefit, per year of continuous service, is equal to:

Date of Retirement	Amount
1983	\$14.50
1984	14.75*
1/1/1985 - 2/26/1989	15.00**
2/27/1989 - 2/29/1992	15.50
3/1/1992 - 2/28/1993	15.75
3/1/1993 - 2/23/1995	16.00
2/24/1995 - 2/28/1999	17.00
3/1/1999 - 2/28/2001	17.50
On or after 3/1/2001	19.50

* Also effective January 1, 1984 for participants who retired between March 1, 1983 and January 1, 1984.

** Also effective January 1, 1985 for participants who retired between March 1, 1983 and January 1, 1985.

Early Retirement Benefit

Eligible at age 60 and completion of 15 years of continuous service.

Any participant who has completed at least 30 years of continuous service and has attained the age of 60 years may retire at his option on a full early retirement benefit.

Any participant who has completed at least 15 years of continuous service and (i) has attained age 55 and whose combined age and years of continuous service equals 70 or more or (ii) whose combined age and years of continuous service equals 80 or more, and whose service is terminated by reason of a permanent shutdown, layoff or physical disability, may be retired on a special early retirement benefit. Any participant who has met these age and service requirements may be retired on a special early retirement benefit, under conditions mutually satisfactory to the participant and the Corporation.

The early retirement benefit is a deferred benefit, commencing at age 65, equal to the normal retirement benefit based on continuous service to the date of early retirement. In lieu of the deferred benefit, the participant may elect to receive a reduced benefit, commencing at a date between his early retirement date and normal retirement date, which is the actuarial equivalent of the deferred benefit.

The monthly benefit payable to a participant eligible for a full early retirement benefit is an immediate benefit equal to the normal retirement benefit based on service to the date of early retirement.

The monthly benefit payable to a participant eligible for a special early retirement benefit is an immediate benefit accrued to date of early retirement, except that the deduction of \$80 per month is not applied until the participant becomes eligible to receive an unreduced Social Security benefit.

Disability Retirement Benefit

Eligible if totally and permanently disabled after 15 years of continuous service.

The monthly benefit payable to age 65 is equal to a normal retirement benefit computed on the earnings formula and based on continuous service to date of disability retirement, subject to reduction by any Social Security disability benefit payable, not in excess of \$80 per month. The minimum monthly benefit is the larger of (a) \$150, subject to reduction by any Social Security disability benefit payable, not in excess of \$80 per month; or (b) an amount equal to the minimum monthly normal retirement benefit, without any deduction for Social Security benefits.

The monthly disability benefit described above is increased by \$75 until an unreduced disability Social Security benefit is payable or until age 65, if earlier.

At age 65 the disability benefit is computed as a normal retirement benefit, with due regard to the minimum benefit amount, based on the participant's continuous service to the time of disability.

Vested Retirement Benefit

Eligible after five years of continuous service, provided the participant is not eligible to receive any other retirement benefit under the Plan.

The benefit payable at age 65 is equal to the amount of normal retirement benefit under the Plan as in effect when his service terminated based on continuous service up to the date of termination of service.

In the event the participant had completed at least 15 years of continuous service on his date of termination, in lieu of the benefit payable at age 65, he may elect to receive a reduced benefit commencing at a date between age 60 and age 65, which is the actuarial equivalent of the benefit deferred to age 65.

Special Retirement Payment

In all cases of retirement except disability or deferred vested retirement, a special lump sum retirement payment is made equal to 13 weeks' pay at the rate of vacation pay applicable for the year of retirement reduced by the amount of any vacation pay received for that year. If the participant is not entitled to a vacation in the year of retirement, the benefit is equal to 13 weeks of vacation pay at the rate of pay applicable when he was last entitled to a vacation, reduced by the amount of vacation pay received for the year for which he was last entitled to a vacation. Regular monthly benefit payments commence after the three-month period for which the special retirement payment is made, or in the fourth month following the attainment of age 65, in the case of an early-deferred benefit.

Pre-Retirement Spouse's Benefit

Eligible upon the death of an employee after completion of 5 years of continuous service, provided the employee has been married to his current spouse for at least one year. There is no charge for this coverage.

If the participant is over age 60 with 15 years of continuous service at the time of death, his spouse receives a monthly lifetime pension equal to 50% of the reduced amount the participant would have received if he had retired as of the date of his death and elected the 50% Joint and Survivor annuity.

If the participant is under age 60 or has less than 15 years of continuous service at the time of his death, his spouse will receive a monthly lifetime pension commencing on the first day of the month after the participant would have attained his earliest commencement age equal to 50% of the reduced amount he would have received if he had terminated employment as of the date of his death, survived to his earliest commencement age and elected the 50% Joint and Survivor annuity.

Regular and Optional Forms of Retirement Benefits

Any temporary disability benefits and special retirement payments are payable as described above. Benefits payable for life are payable as described in (a), (b) and (c) below:

- (a) If the participant is not married on the date his retirement benefit commences, the retirement benefit is equal to the benefit previously described in this summary, adjusted for any spouse's benefit coverage, and is payable for the life of the retired participant only.

- (b) Unless a married participant elects otherwise, his retirement benefit is payable as a reduced benefit, in the form of a 50% joint and survivor annuity of equivalent actuarial value to the benefit in (a) above, which is payable during the retired participant's life, and after his death an allowance of one-half of the benefit payable to the retired participant is paid during the life of, and to, the retired participant's spouse.
- (c) Prior to the date on which his retirement benefit begins, the participant may elect to convert his benefit into a benefit of equivalent actuarial value to the benefit otherwise payable on his account in accordance with one of the options described below.
 - Option 1. A benefit equal to the benefit in (a) above, payable for his life only, even if he has a spouse, at the date his retirement benefit commences.
 - Option 2. A reduced benefit in the form of a 75% or 100% joint and survivor annuity which is payable during the retired participant's lifetime, with the provision that, after his death, the reduced allowance will be continued to his spouse.

A participant is deemed to have retired on his date of death if his death occurs during employment and after his normal retirement date.

Plan Merger

Effective December 31, 1989, the Powdered Metal Products Hourly Employees Pension Plan was merged into this Plan, and benefit accruals for the former PMP participants were frozen as of such date.

Plant Shutdown Benefits

Special benefits were provided in conjunction with the Coraopolis shutdown:

- a. The special early retirement benefit described above (rule of 70/80) was extended to participants whose combined age and years of service equalled 69 or more.
- b. Participants were offered the option of receiving the lump sum value of the normal retirement benefit in lieu of a normal, early or deferred vested annuity benefit.
- c. All participants received a \$6,000 supplementary lump sum or the annuity equivalent.
- d. The Special Retirement Payment was paid in addition to, rather than in lieu of, the first three months of the retirement benefit.

Changes in Plan Provisions Since Last Actuarial Valuation

None.

Former RB&W Hourly Plan – KENT PLANT

Effective Date

January 2, 1959, as amended effective July 1, 1997. Effective December 31, 1993, this Plan was merged into the RB&W Corporation Hourly Employees Pension Plan.

Participation

All hourly-paid employees on the seniority list at the location. Participation is frozen effective September 1, 2003. The Kent division of the RB&W Hourly Plan shut down effective July 15, 2007.

Crediting of Service

- a. Vesting Service - One year is credited for each Plan Year after January 1, 1976 in which at least 1,000 hours of service are completed; service prior to January 1, 1976 is computed based upon provisions of the Plan then in effect.
- b. Credited Service - One year is credited for each Plan Year in which at least 1,600 hours of service are completed, with fractional service credited (to the nearest 1/10) for less than 1,600 hours.

Normal Retirement

Eligible at age 65.

A monthly benefit, if paid on a straight life basis, equal to Years of Credited Service multiplied by the rate in effect at the time of retirement, as follows:

Retirement Date	Benefit Rate
Before 1/1/1985	\$13.00
1/1/1985 - 12/31/1985	13.50
1/1/1986 - 3/31/1989	14.00
4/1/1989 - 3/31/1990	14.25
4/1/1990 - 3/31/1991	14.75
4/1/1991 - 3/31/1992	15.00
4/1/1992 - 6/30/1996	15.75
7/1/1996 - 6/30/2000	16.00
7/1/2000 - 6/30/2001	16.25
7/1/2001 – 5/31/2006	18.25
6/1/2006 – 3/8/2007	20.25
3/9/2007 and after	21.00

Early Retirement

Eligible at age 60 and 10 years of Vesting Service.

The accrued normal retirement pension payable at age 65 or, alternatively, a reduced pension payable immediately. The pension is reduced by 6/10 of 1% for each month that pension commencement precedes age 65.

Disability Retirement

Eligible if totally and permanently disabled after 10 years of Vesting Service.

Prior to age 65, employee receives greatest of:

- (1) twice the accrued normal retirement pension less any disability benefits payable under Social Security, or
- (2) the accrued normal retirement pension, or
- (3) \$150 per month.

After age 65, the accrued normal retirement pension at time of disability is payable.

Deferred Vested Termination

Eligible at any age and 5 years of Vesting Service.

The accrued normal retirement pension payable at age 65 or, if the participant has at least 10 years of Vesting Service, a reduced pension payable as early as age 60.

Pre-Retirement Spouse's Benefit

Eligible upon the death of an employee or former employee after completion of 5 years Vesting Service. There is no charge for this coverage.

If the participant is over age 60 with 10 years of Vesting Service at the time of his death, his spouse receives a monthly lifetime pension equal to 50% of the participant's accrued benefit.

If the Participant is under age 60 at the time of his death, his spouse will receive a monthly pension commencing on the first day of the month after the participant would have attained age 60 equal to 50% of the reduced amount he would have received if he had terminated employment as of the date of his death, survived to age 60, and elected the 50% Joint and Survivor option.

Supplement

Eligible if age 62 by January 10, 1994 and retire early during the interim period.

A supplement of \$150 per month is payable until age 65.

Form of Payment

An employee may elect to receive his benefit on a straight-life basis or on an actuarially equivalent Joint and Survivor basis. Unless otherwise elected, any benefit payable under the Plan shall be paid:

1. On a 50% Joint and Survivor basis; if the employee has been married to his current spouse for at least one year; or
2. On a straight-life basis otherwise.

Changes in Plan Provisions Since Last Actuarial Valuation

None.

Former RB&W Hourly Plan – ROCK FALLS PLANT

Effective Date

January 1, 1960, as amended and restated effective June 1, 1990. Effective December 31, 1993, this Plan was merged into the RB&W Corporation Hourly Employees Pension Plan.

Participation

All employees on a full-time, hourly-pay basis at the Rock Falls, Illinois location of the Corporation. The Plant was sold effective August 9, 1993. All benefit accruals were frozen as of that date.

Normal Retirement Benefit

Eligible at age 65 and 5 years of continuous service.

The monthly amount of benefit is equal to 1.1% of average monthly earnings for the 10 years preceding retirement multiplied by the number of years of continuous service to date of retirement not in excess of 30 years plus 1.2% of such compensation multiplied by the number of years of continuous service in excess of 30 years.

The above benefit is subject to a deduction on account of Social Security of \$80 per month.

The minimum monthly benefit, per year of continuous service, is equal to:

Date of Retirement	Amount
June 1, 1990 through May 31, 1991	\$16.25*
June 1, 1991 and after	\$16.75**

* Also effective as of June 1, 1990 for participants who retired on or after April 9, 1990.

** Also effective as of June 1, 1991 for participants who retire on or after April 9, 1990.

In computing the above minimum benefit, there is no deduction on account of Social Security benefits.

Early Retirement Benefit

Eligible at age 60 and 15 years of continuous service.

Any participant who has completed at least 30 years of continuous service and has attained the age of 60 years may retire at his option on a full early retirement benefit. Any participant who has completed at least 15 years of continuous service and (i) has attained age 55 and whose combined age and years of continuous service equals 70 or more or (ii) whose combined age and years of continuous service equals 80 or more, and whose service is terminated by reason of permanent shutdown, layoff or physical disability, may be retired on a special early retirement benefit. Any participant who has met these age and service requirements may be retired on a special early retirement benefit under conditions mutually satisfactory to the participant and the Corporation.

The early retirement benefit is a deferred benefit, commencing at age 65, equal to the normal retirement benefit based on continuous service to the date of early retirement. In lieu of the deferred benefit, the participant may elect to receive a reduced benefit, commencing at a date between his early retirement date and normal retirement date, which is the actuarial equivalent of the deferred benefit.

The monthly benefit payable to a participant eligible for a full early retirement benefit is an immediate benefit equal to the normal retirement benefit based on service to the date of early retirement.

The monthly benefit payable to a participant eligible for a special early retirement benefit is an immediate benefit accrued to date of early retirement, except that the deduction of \$80 per month is not applied until the participant becomes eligible to receive an unreduced Social Security benefit.

Disability Retirement Benefit

Eligible at any age if totally and permanently disabled with 15 years of continuous service.

The monthly benefit payable to age 65 is equal to a normal retirement benefit computed on the earnings formula and based on continuous service to date of disability retirement, subject to reduction by any Social Security disability benefit payable, not in excess of \$80 per month. The minimum monthly benefit is the larger of (a) \$150, subject to reduction by any Social Security disability benefit payable, not in excess of \$80 per month; or (b) an amount equal to the minimum monthly normal retirement benefit, without any deduction for Social Security benefits.

The monthly disability benefit described above is increased by \$75 until an unreduced disability Social Security benefit is payable or until age 65, if earlier.

At age 65, the disability benefit is recomputed as a normal retirement benefit, with due regard to the minimum benefit amount, based on the participant's continuous service to the time of disability.

Vested Retirement Benefit

Eligible at any age with 5 years of continuous service.

The benefit payable at age 65 is equal to the amount of normal retirement benefit under the Plan as in effect when his service terminated based on continuous service up to the date of termination of service.

In the event the participant had completed at least 15 years of continuous service on his date of termination, in lieu of the benefit payable at age 65, he may elect to receive a reduced benefit, commencing at a date between age 60 and age 65, which is the actuarial equivalent of the benefit deferred to age 65.

Special Retirement Payment

In all cases of normal and early retirement, a special retirement payment is made equal to 520 times the participant's average straight-time hourly base rate during the last 13 weeks worked by him prior to retirement, reduced by the amount of any vacation pay paid to him since the June 1 immediately preceding his retirement. Regular monthly benefit payments commence on the first of the month nearest the expiration of the period for which the special payment is made.

Pre-Retirement Spouse's Benefit

Eligible upon the death of an employee after completion of five years of continuous service, provided the employee has been married to his current spouse for at least one year. There is no charge for this coverage.

If the participant is over age 60 with 15 years of continuous service at the time of his death, his spouse receives a lifetime pension equal to 50% of the reduced amount the participant would have received if he had retired as of the date of his death and elected the 50% Joint and Survivor annuity.

If the participant is under age 60 or has less than 15 years of continuous service at the time of his death, his spouse will receive a monthly lifetime pension commencing on the first day of the month after the participant would have attained his earliest commencement age equal to 50% of the reduced amount he would have received if he had terminated employment as of the date of his death, survived to his earliest commencement age and elected the 50% Joint and Survivor annuity.

Regular and Optional Forms of Retirement Benefits

Any temporary disability benefits and special retirement payments are payable as described above. Benefits payable for life are payable as described in (a), (b) and (c) below.

- (a) If the participant is not married on the date his retirement benefit commences, the monthly retirement benefit is equal to the benefit previously described in this summary, adjusted for any spouse's benefit coverage, and is payable for the life of the retired participant only.
- (b) Unless a married participant elects otherwise, his retirement benefit is payable as a reduced benefit, in the form of a 50% joint and survivor annuity of equivalent actuarial value to the benefit in (a) above, which is payable during the retired participant's life, and after his death an allowance of one-half the benefit payable to the retired participant is paid during the life of, and to, the retired participant's spouse.
- (c) Prior to the date on which his retirement begins, the participant may elect to convert his benefit into a benefit of equivalent actuarial value to the benefit otherwise payable on his account in accordance with one of the options described below.

Option 1. A benefit equal to the benefit in (a) above, payable for his life only, even if he has a spouse, at the date his retirement benefit commences.

Option 2. A reduced benefit in the form of a 75% or 100% Joint and Survivor annuity which is payable during the retired participant's lifetime, with the provision that, after his death, the reduced allowance will be continued to his spouse.

A participant is deemed to have retired on his date of death if his death occurs during employment and after his normal retirement date.

Changes in Plan Provisions Since Last Actuarial Valuation

None.

Former Contract Unit Employees at Cleveland, Ohio (RB&W Cleveland Plan)

Effective Date

March 17, 1973, as amended most recently effective February 20, 1989.

Effective January 1, 2007, this plan was merged into the Park-Ohio Industries, Inc. and Subsidiaries Pension Plan.

Participation

Members of the International Union, United Automobile, Aerospace and Agricultural Implement Workers of America and all other full-time hourly-pay basis employees at the Cleveland, Ohio location of the Corporation.

Normal Retirement Benefit

Eligible at age 65 and completion of 5 years of creditable service.

The monthly normal retirement benefit is equal to:

- (i) \$8.00 multiplied by the years of creditable service at retirement for employees who retire on or after August 1, 1977 but before October 5, 1978;
- (ii) \$9.00 multiplied by the years of creditable service at retirement for employees who retire on or after October 5, 1978 but before September 1, 1979;
- (iii) \$9.50 multiplied by the years of creditable service at retirement for employees who retire on or after September 1, 1979 but before September 1, 1980;
- (iv) \$10.00 multiplied by the years of creditable service at retirement for employees who retire on or after September 1, 1980, but before February 20, 1989; or
- (v) \$11.50 (\$13.00 effective July 1, 1990) multiplied by the years of creditable service at retirement for employees who retire on or after February 20, 1989.

Early Retirement Benefit

Eligible at age 60 and completion of 10 years of creditable service.

The early retirement benefit is a deferred benefit, beginning at normal retirement date, equal to the normal retirement benefit accrued to date of early retirement. In lieu of the deferred benefit, the employee may elect to receive an immediate benefit, commencing at any time between his early retirement date and his normal retirement date, equal to the deferred benefit reduced by 5/8 of 1% multiplied by the number of months from his benefit commencement date to his normal retirement date.

Disability Retirement Benefit

Eligible if totally and permanently disabled after ten years of creditable service.

The disability retirement benefit is equal to the normal retirement benefit accrued to date of disability plus, until the earlier of when the employee is eligible for disability benefits under Social Security or age 65, an additional benefit equal to the normal retirement benefit accrued to date of disability.

Vested Retirement Benefit

Eligible after the completion of five years of creditable service but before being eligible for any other benefit under the Plan.

The benefit is a deferred benefit commencing at normal retirement date and is equal to the normal retirement benefit accrued to date of termination. In lieu of the deferred benefit commencing at normal retirement, the employee with at least 10 years of creditable service may elect to receive a benefit commencing at any time between age 60 and 65 equal to the deferred benefit reduced by 5/8 of 1% multiplied by the number of months from his benefit commencement date to his normal retirement date.

Pre-Retirement Spouse's Benefit

Upon the death of an employee after completion of 5 years of creditable service, the spouse of this employee is eligible to receive a spouse's benefit provided the employee has been married to his current spouse for at least one year. There is no charge for this coverage.

If the participant is over age 60 at the time of his death, his spouse receives a monthly lifetime pension equal to 55% of the reduced amount the participant would have received if he had retired as of the date of his death and elected the 55% joint and survivor basis.

If the participant is under age 60 at the time of his death, his spouse will receive a monthly lifetime pension commencing on the first day of the month after the participant would have attained age 60 equal to 55% of the reduced amount he would have received if he had terminated employment as of the date of his death, survived to age 60, and elected the 55% joint and survivor basis.

Regular and Optional Forms of Retirement Benefits

Any temporary disability benefits are payable as described above. Benefits payable for life are payable as described in (a), (b) and (c) below:

- (a) If the employee is not married on the date his retirement benefit commences, the annual retirement benefit is equal to the benefit previously described in this summary, adjusted for any spouse's benefit coverage, and is payable for the life of the retired employee only.

- (b) Unless a married employee elects otherwise, his retirement benefit is payable as a reduced benefit, in the form of a 55% joint and survivor annuity of equivalent actuarial value to the benefit in (a) above, which is payable during the retired employee's life, and after his death an allowance of 55% of the benefit payable to the retired employee is paid during the life of, and to, the retired employee's spouse.
- (c) Prior to the date on which his retirement benefit begins, the employee may elect to convert his benefit into a benefit of equivalent actuarial value to the benefit otherwise payable on his account in accordance with one of the options described below.

Option 1. A benefit equal to the benefit in (a) above, payable for his life only, even if he has a spouse, at the date his retirement benefit commences.

Option 2. A reduced benefit in the form of a 75% or 100% joint and survivor annuity which is payable during the retired employee's lifetime, with the provision that, after his death, the reduced allowance will be continued to his spouse.

An employee is deemed to have retired on his date of death if his death occurs during employment and after his normal retirement date.

Increase in Benefits to Retired Employees

Effective with monthly pension payments commencing October 1978, for all employees who had retired, the normal retirement benefit rate is increased by \$.50 multiplied by the number of years of service on which the retirement benefit was calculated.

Change in Plan Provisions Since Last Actuarial Valuation

None.

Former RB&W Cleveland - PORT CHESTER

Effective Date

November 1, 1957, as amended and restated effective January 1, 1989.

The RB&W Port Chester Plan was merged into the RB&W Cleveland Plan in 2000.

Effective January 1, 2007, RB&W Cleveland Plan was merged into the Park-Ohio Industries, Inc. and Subsidiaries Pension Plan.

Participant

Participants who had retired under the plan prior to April 14, 1973, participants who had retired under the IAM Labor/Management Pension Plan and participants on a full-time hourly-pay basis who met the eligibility requirements for either a normal or early retirement benefit and whose service was terminated by the closing of the Port Chester plant.

Normal Retirement

Any participant who has completed 15 years of continuous service and has attained the age of 65 years is eligible to receive a benefit upon his retirement.

The annual amount of the benefit is equal to number of years of continuous service, limited to 35 years, multiplied by \$42 for a participant who retires under this Plan on or after January 1, 1969.

Early Retirement

Any participant who has completed at least 15 years of continuous service, whose combined age and years of continuous service equals 70 or more and whose service is terminated due to the closing of the Port Chester Plant is eligible to receive an early retirement benefit.

The early retirement benefit is a deferred benefit, commencing at age 65, equal to the normal retirement benefit based on service to the date of early retirement. In lieu of the deferred benefit, the participant may elect to receive an immediate benefit commencing at the later of the date of early retirement or age 55, which is the actuarial equivalent of the deferred benefit.

Substitute Retirement

Any former participant whose service was terminated after October 13, 1970 and prior to March 15, 1973 and who was then eligible for and has received benefits under the IAM Plan is eligible to receive a substitute retirement benefit.

The substitute retirement benefit commences in the month following the former participant's receipt of his last payment under the IAM Plan and is equal to one of the following: (i) If the former participant had attained age 65 on his date of termination, his substitute retirement benefit is equal to the normal

retirement benefit based on his continuous service to date of termination. (ii) If the former participant had not attained age 65 on his date of termination, his substitute retirement benefit is equal to an early retirement benefit computed as if his benefit had commenced immediately on his date of termination.

If the former participant had elected and received a lump sum cash payment from the IAM Plan in lieu of a portion of his benefit from the IAM Plan, then the benefit computed in (i) or (ii) above is reduced in the same proportion that his IAM Plan benefit was reduced for such election.

Changes in Plan Provisions Since Last Actuarial Valuation

None.

Former Industrial Fasteners Split Funded Defined Benefit Pension Plan, later renamed the Integrated Logistics Holding Corp. Pension Plan

Effective Date

Effective April 1, 2007, the plan was merged into the Park-Ohio and Subsidiaries Pension Plan.

Participation

Employers of Industrial Fasteners LLC who have attained age 21 and completed one year of service. The plan was closed to new entrants as of December 31, 1999.

Average Monthly Compensation

Average of the highest five consecutive calendar years of compensation overall years of participation.

Normal Retirement

Eligibility – April 1 nearest age 65.

Plan Years Beginning Before January 1, 1994

(1) 33% of Average Monthly Compensation plus (2) 22.75% of Average Monthly Compensation in excess of 1/12th of Covered Compensation. Both (1) and (2) are reduced by 1/35 for each year of service less than 35.

Plan Years Beginning After December 31, 1993

(1) 33% of Average Monthly Compensation plus (2) 20% of Average Monthly Compensation in excess of 1/12th of Covered Compensation. Both (1) and (2) are reduced by 1/35 for each year of service less than 35.

Early Retirement

Plan provisions do not provide for early retirement.

Disability Retirement

Eligibility - Totally and Permanently Disabled with this condition continuing for six (6) months. There are no age or service requirements.

Monthly Benefit – Actuarial Equivalent of the accrued benefit.

Termination Benefit

Monthly Benefit – Percentage of the normal retirement benefit payable at his normal retirement date. The percentage is based on the vesting schedule below:

Years of Service	Percentage
Less than 3	0%
3	20%
4	40%
5	60%
6	80%
7	100%

The benefit may commence at any age. It is reduced by 1/15 for each of the first 5 years preceding normal retirement age and 1/30 for each of the next 5 years. An actuarial reduction applies for each additional year.

Late Retirement

Eligibility – Over Age 65.

An immediate benefit equal to the greater of i) the benefit accrued at the participant's Normal Retirement Date actuarially increased to the actual retirement date and ii) Accrued Benefit as of the actual retirement date.

Pre-Retirement Spouse's Death Benefit

Eligibility – Vested participants (including terminated employees not yet receiving benefits) who are married. There is no charge for the coverage.

Monthly Benefit – A death benefit, commencing at the date of the participant death, equal to 50% of that to which the participant would have been entitled had he i) terminated the day before his death, ii) elected an immediate commencement date, and iii) elected the 50% joint and survivor annuity form.

Lump sum – The spouse may elect a lump sum equal to the actuarial equivalent of the monthly spouse benefit.

Regular and Optional Forms of Retirement Benefits

The normal form is a life annuity with the first 120 monthly payments guaranteed.

Joint and Survivor Annuity – monthly payments for the life of the participant with 50%, 75% or 100% of the benefit continuing to the beneficiary.

Lump sum – actuarial equivalent of the normal retirement benefit. A benefit with present value less than \$7,000 is automatically paid as a lump sum.

Changes in Plan Provisions Since Last Actuarial Valuation

None.

Former Ohio Crankshaft Pension Plan, later renamed the Pension Plan for Local 91 Bargaining Unit Employees

Effective Date

October 1, 1959.

Effective October 1, 2009, this plan was merged into the Park-Ohio Industries, Inc. and Subsidiaries Pension Plan. It was amended most recently effective January 1, 2024.

Coverage and Participation

Member of Bargaining Unit.

Normal Retirement Benefit

Eligibility – Age 65.

Benefit – The monthly benefit, if paid on a straight-life basis, is equal to \$30.00 per year of Credited Benefit Service for retirements prior to January 1, 2024. For retirements after January 1, 2024, the monthly benefit, if paid on a straight-life basis, is equal to \$30.00 per year of Credited Benefit Service earned prior to January 1, 2024 plus \$31 per year of Credited Benefit Service earned after January 1, 2024.

Early Retirement Benefit

Eligibility – Age 55 with at least 10 years of Credited Benefit Service (age 50 with 30 years of Credited Benefit Service).

After age 62, or after age 55 with the sum of age and years of Credited Benefit Service at least equal to 85, or after age 50 with 30 years of Credited Benefit Service, the employee receives an unreduced normal pension.

Otherwise, the employee receives his accrued normal retirement pension payable at age 65 or, alternatively, an immediate benefit reduced by 6/10% for each complete calendar month prior to age 65 but not under age 60, plus 4/10% for each completed calendar month prior to age 60 but not under age 55.

Employees who retire after age 50 with at least 30 years of Credited Benefit Service receive a Temporary Early Retirement Supplement to age 62, such that the Total monthly benefit is not less than \$1,000. At age 62 the benefit reverts to the Normal Retirement Benefit above (applies to retirements on or after August 1, 1992.)

Disability Benefit

Eligibility - On total and permanent disability resulting in retirement after January 31, 1971 with at least 10 years of Credited Benefit Service.

Benefit – The accrued normal retirement pension plus a temporary monthly pension of \$7.00 per year of credited service up to a maximum of \$175 monthly. The temporary pension ceases at age 65 or when the employee becomes eligible for an unreduced Social Security benefit.

Vested Benefits Upon Termination of Service

Eligibility – Any age and 5 years of Vesting Service (10 years for employees who terminated prior to October 1, 1989). All participants became fully vested in their accrued benefits as of December 16, 2009, due to an asset transfer under IRC 420. Similar asset transfers occurred annually through 2021, resulting in full and immediate vesting each December. Benefits accrued since 2021 are not automatically fully vested.

Benefit – The accrued normal retirement pension payable at age 65 or, alternatively, an actuarially reduced pension payable as early as age 55 if the employee meets the service requirements for early retirement.

Pre-Retirement Spouse's Benefit

Eligibility – A married vested employee who is still working or a vested former employee is automatically eligible unless he elects to waive the Surviving Spouse Benefit.

Benefit – The surviving spouse will receive the benefit she would have received if the employee had retired on the first day of the month of his death or, if later, at age 55, and had elected a 50% Joint and Survivor option. Deferred vested benefits are actuarially reduced to pay for this coverage.

Form of Payment

An employee may elect to receive his benefit on a straight-life basis or on an actuarially equivalent 50% or 75% Joint and Survivor basis. Unless otherwise elected, any benefit payable under the Plan shall be paid on a 50% Joint and Survivor basis, if the employee has been married to his current spouse for at least one year or on a straight-life basis otherwise.

Post-Retirement Benefit Increases

Certain increases were effective January 1, 1981, August 1, 1981 and August 1, 1982 for participants (other than former deferred vested participants or their beneficiaries) who retired prior to those dates.

Special Strike Settlement Agreement Benefits Effective June 29, 1992

Active Strikers: A participant who is classified as an Active Striker under the terms of the Strike Settlement Agreement, is age 50 with at least 25 years of Credited Benefit Service, and retires by

August 1, 1992 is eligible to receive his regular monthly benefit determined by using his Credited Benefit Service (inclusive of the 9 years of Credited Benefit Service granted during the duration of the strike) and an \$18.00 benefit unit commencing at age 62, and a temporary supplemental benefit payable to age 62, such that the total of this supplement and the unreduced monthly benefit determined above is not less than \$500 per month.

Class Eligible Employees: If a participant classified as a Class Eligible Employee retires under the provisions of the Plan, his benefit will be determined using the additional 9 years of Credited Benefit Service granted for the duration of the strike.

Certain Retired Participants: If a member of the Bargaining Unit retired during the strike (between July 11, 1983 and May 28, 1992) that retired participant will have his monthly pension benefit re-determined using an \$18.00 benefit unit.

Changes in Plan Provisions Since Last Actuarial Valuation

The monthly benefit awarded for Credited Benefit Service earned after January 1, 2024 was increased from \$30.00 per year to \$31,00 per year. Credited Benefit Service earned before January 1, 2024 remains \$30.00 per year.

Former Pension Plan for Certain Hourly-Rated Employees of Canton Drop Forge

Plan Provisions

Effective December 31, 2018, this plan was merged into the Park-Ohio Industries, Inc. and Subsidiaries Pension Plan. It was amended most recently effective February 26, 2023.

Covered employees All hourly employees of Plant B hired before February 27, 2005 will be Plan participants on their date of hire.

Participation freeze Plan participation is frozen as of February 27, 2005.

Definitions

Pension service A participant's continuous service shall be equal to the elapsed time of employment measured from the date of hire to the termination date of an employee.

Normal retirement date (NRD) First of month coinciding with or next following the attainment of age 65.

Monthly pension benefit A monthly life annuity starting at age 65 based on retirement date. Calculated as credited service up to 20 years times Rate A shown below, plus credit service in excess of 20 years times Rate B shown below, up to the applicable maximum service:

Retirement Date	Rate A	Rate B	Maximum Service
3/06/1996 – 3/01/1997	\$21.50	\$27.50	
3/02/1997 – 3/01/1998	22.25	28.25	
3/02/1998 – 3/01/1999	23.00	29.00	
3/02/1999 – 2/26/2000	24.00	30.00	
2/27/2000 – 2/26/2001	26.00	31.00	42
2/27/2001 – 2/26/2002	27.00	32.00	42
2/27/2002 – 2/26/2003	28.00	34.00	42
2/27/2003 – 2/26/2004	29.00	37.00	43
2/27/2007 – 12/31/2007	31.00	41.00	43
1/01/2008 – 2/28/2014	34.00	44.00	43
3/01/2014 – 2/26/2017	34.50	44.50	43
2/27/2017 – 2/25/2023	35.25	45.25	43
2/26/2023 and later	35.75	45.75	43

Actuarial Equivalence Basis 1983 Group Annuity Mortality Table (male rates for participants and female rates for beneficiaries) and an interest rate of 6%

Eligibility for Benefits

Normal retirement	Retirement on NRD
Early retirement	<p>55/30 Early Retirement – Attainment of age 55 and 30 years of continuous service</p> <p>60/25 Early Retirement – Attainment of age 60 and 25 years of continuous service</p> <p>60/15 Early Retirement – Attainment of age 60 and 15 years of continuous service</p>
Late retirement	After age 65 and five years of participation
Deferred vested termination	Termination after five years of continuous service.
Disability	Permanent and total disability at any age with at least 15 years of continuous service.
Surviving Spouse's Benefit	Death of an active employee after the age of 50 with at least 15 years of Continuous Service
Preretirement death benefit	Death when 100% vested and not eligible for the Surviving Spouse's Benefit.
Supplemental Benefit	<ul style="list-style-type: none"> Participants who retire between March 1, 1997 and February 28, 1999, who are eligible for the "60/25 Early Retirement" and who have yet to attain age 65 Participants who retire between February 27, 2005 and February 26, 2008, who are eligible for the "60/25 Early Retirement" or "55/30 Early Retirement" and who have yet to attain age 65 Participants who retire after February 27, 2014, who are eligible for the "60/25 Early Retirement" or "55/30 Early Retirement" and who have yet to attain age 65

Amount of Benefits	
Normal retirement	The accrued benefit.
Early retirement	<p>55/30 Early Retirement – The accrued benefit</p> <p>60/25 Early Retirement – The accrued benefit</p> <p>60/15 Early Retirement – The vested benefit commences in full at age 65, or as early as age 60 in a reduced amount equal to the actuarial equivalent of the accrued benefit at age 65.</p>
Late retirement	The accrued benefit calculated using service accrued through the actual retirement date and the benefit unit in effect at termination.
Deferred vested termination	The accrued benefit commencing at age 65. If the participant has at least 15 years of continuous service, they can retire after age 60 under the “60/15 Early Retirement” provisions.
Disablement	The accrued benefit at the time of disability is payable on an unreduced basis.
Surviving Spouse’s Benefit	50% of the benefit as though the employee had elected to retire the day before death assuming the employee’s age at death was at least 65. This benefit shall be reduced by ½% for each year the spouse is under the age of 50. After the spouse’s attainment of age 65 the benefit will be 50% of the actuarially reduced benefit assuming the employee had retired at normal retirement age and accepted the 50% joint and survivor benefit.
Preretirement death	50% of the benefit the employee would have received if he would have elected the 50% Joint and Survivor benefit the day before his death. If the employee has not yet attained age 60, the benefit is calculated using service on the date of death and assuming the employee survived to age 60. The benefit is payable at the later of when the employee would have been age 60 or at the employee’s death.
Supplemental Benefit	<ul style="list-style-type: none"> • Participants who retire between March 1, 1997 and February 28, 1999: \$100 • Participants who retire between February 27, 2005 and February 26, 2008: \$200 • Participants who retire after February 27, 2014: \$200 <p>These supplemental benefits will be paid until the earlier of the attainment of age 65 or the death of the participant.</p>

Other Plan Provisions

Pension Increases	Those participants who retire from active status during the term of the union contract will receive an increase in their pension as the benefit unit increases.
Optional Forms of Payment	Life Annuity, Joint and 50% Survivor Annuity, Joint and 75% Survivor Annuity
Maximum limits on benefits and pay	All benefits and pay for any calendar year may not exceed the maximum limitations for that year as defined in the Internal Revenue Code. The plan provides for increasing the dollar limits automatically as such changes take effect. Increases in the dollar limits are not assumed for funding or AFTAP purposes.

Future Plan Changes

WTW is not aware of any future plan changes that are required to be reflected.

Changes in Plan Provisions Since Last Actuarial Valuation

For retirements on and after February 26, 2023, the monthly benefit awarded for each year of service in the first 20 years (Rate A) was increased from 35.25 to 35.75 and the monthly benefit awarded for each year of service beyond 20 years (Rate B) was increased from 45.25 to 45.75.

SCHEDULE SB ATTACHMENTS

Cash Balance Plan

Effective Date

April 1, 2011 (as amended most recently effective October 1, 2022).

Coverage and Participation

Coverage is as defined under Covered Employment Classifications in the plan document. In general, employees of the Parent Company and most Related Companies are covered, with the exception of some bargained employees.

Participation for covered employees begins on the first Entry Date following:

- (a) Attainment of age 21, and
- (b) Prior to October 1, 2022, the Employee's completion of two years of Eligibility Service. Effective October 1, 2022, the Employee completion of 30 days of Eligibility Service.

Covered Employees who have attained age 21 and with 30 days of service and less than two years of eligibility service as of October 1, 2022 are immediately eligible to participate and such eligibility service will be treated as vesting service.

As part of a transition services agreement, active pension participants of Park-Ohio's General Aluminum Manufacturing Company (GAMCO) business, will continue to participate in the Plan through March 31, 2024. On April 1, 2024, the affected population will cease participating in the Plan.

Entry Date

On and after October 1, 2022, the first day of a calendar month.

Prior to October 1, 2022 the first day of January, April, July and October, with April 1, 2011 being the first Entry Date. Employees of the Bates division began accruing benefits under the cash balance formula effective January 1, 2016. Employees of the Fluid Routing Solutions division began accruing benefits under the cash balance formula effective January 1, 2018. Employees of the Autoform division began accruing benefits under the cash balance formula effective January 1, 2019.

Vesting

On and after October 1, 2022, participants become 100% vested in their accrued benefit after attaining two years of vesting service.

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Prior to October 1, 2022, covered employees became 100% vested in their accrued benefit upon their entry date, as defined at that time.

Active pension participants of Park-Ohio's General Aluminum Manufacturing Company (GAMCO) business became 100% vested in their cash balance account.

Cash Balance Account

Initial balance: The starting balance in the cash balance account as of April 1, 2011 is zero.

Pay credits: Pay credits equal to 2% of pay are deposited at the end of each quarter from April 1, 2011 to December 31, 2017. Pay credits equal to 2.50% of pay for each quarter from December 31, 2017 to June 30, 2020 are deposited at the end of each quarter. Pay credits equal to 3.00% of pay for each quarter after June 30, 2021 are deposited at the end of each quarter effective July 1, 2021. Pay is limited to the amounts provided under IRC Section 401(a)(17).

Interest credits: Interest credits are applied quarterly equal to the quarterly interest rate equivalent of the average yield on nominal 1-year Treasury constant maturities for the second month of the preceding Plan Year Quarter, as reported in Federal Reserve Statistical Release H.15. Notwithstanding the foregoing, in no event shall the interest rate for a Plan Year Quarter be less than a rate that is equivalent of a 3.00% annual rate or greater than a rate that is equivalent of a 7.0% annual rate. Interest is credited until the date of commencement of benefits.

Normal Retirement

Eligibility – Age 65.

Monthly Benefit – The normal retirement benefit is a monthly pension payable for life commencing at age 65 equal to the actuarial equivalent of the participant's cash balance account. Actuarial equivalence is based on the IRC 417(e) assumptions in effect at the annuity starting date.

Form of Payment

An employee may elect to receive his benefit as a single lump sum equal to the cash balance account, on a single-life annuity basis or on an actuarially equivalent 50% or 100% Joint and Survivor annuity basis. A married employee shall receive his benefit on a reduced 100% Joint and Survivor actuarially equivalent annuity basis unless he elects (with consent of his spouse) an alternative form of benefit. The same forms of payment apply to vested terminated participants. A terminated participant who defers commencement retains the right to elect a lump sum.

If the cash balance account is less than \$7,000 at termination of employment, the benefit will automatically be distributed in lump sum form. For Metalloy employees with accrued benefits under the former Metalloy Plan, the \$7,000 threshold applies to total benefit value.

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

SCHEDULE SB ATTACHMENTS

Vested Benefits Upon Termination of Service

Termination Benefit – The deferred vested monthly pension, commencing on or prior to the Normal Retirement Date, is the actuarial equivalent of the participant's cash balance account. Other than plan participation requirements, there are no age or service requirements for early benefit commencement.

Disability Benefits

There is no distinction between termination due to disability and termination due to other causes.

Late Retirement Benefits

Pay credits and interest credits will continue past normal retirement date. For participants other than 5% owners, there will be no commencement of payment prior to termination of employment. An actuarial increase is applied to the benefit for periods of employment beyond April 1 of the year after the year in which age 70.5 is attained.

Death Benefits Before Retirement

If a vested active or vested terminated participant dies prior to benefit commencement, his beneficiary shall receive a lump sum benefit equal to the participant's cash balance account as of the date of death. If there is no designated beneficiary, payment will be made to the estate.

If the beneficiary is the participant's surviving spouse, the beneficiary may elect to receive the benefit as a 100% Joint and Survivor annuity.

If a participant is not vested and dies before the commencement date of all or any portion of the participant's accrued benefit, no death benefit shall be payable to any person on account of the death of the participant, and the participant's account shall be forfeited.

There is no charge for pre-retirement death benefit coverage.

Changes in Plan Provisions since Last Actuarial Valuation

Effective on December 29, 2023, Park-Ohio announced the divestiture of its Aluminum Products business (GAMCO). We understand that Park-Ohio GAMCO employees were employed until May 31, 2024, at which point they were terminated from Park-Ohio and became employees of the purchasing company. Related to the GAMCO divestiture, we understand that Park-Ohio amended the Plan to fully vest all employees terminated as part of the divestiture.

Plan Name: Park Ohio Industries and Subsidiaries Pension Plan
EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024

Plan Name	Park Ohio Industries and Subsidiaries Pension Plan
Plan Sponsor EIN	34-6520107
ERISA Plan #	002
Plan Year Ending	12/31/2024

The required attachment marked with an "X" in the Attachment column is included within the Accountant's Opinion attachment to Sch. H, Part III, Line 3, which consists of the entire audit report issued by the plan's Independent Qualified Public Accountant (IQPA).

Form/Schedule	Line #	Description	Attachment
5500 Sch. H	Line 3	Financial statements used in formulating the IQPA's opinion	X
5500 Sch. H	Line 4a	Schedule of Delinquent Participant Contributions	
5500 Sch. H	Line 4i	Schedule of Assets (Held at End of Year)	X
5500 Sch. H	Line 4i	Schedule of Assets (Acquired and Disposed of Within Year)	
5500 Sch. H	Line 4j	Schedule of Reportable Transactions	X

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 24 Change in Actuarial Assumptions

Cash Balance employees who terminate due to the GAMCO divestiture are assumed to commence payment immediately in 2024.

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EIN / PN: 34-6520107/002
Plan Sponsor: Park Ohio Industries, Inc.
Valuation Date: January 1, 2024