

Form 5500-SF

Department of the Treasury Internal Revenue Service

Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation

Short Form Annual Return/Report of Small Employee Benefit Plan

This form is required to be filed 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-SF.

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: [X] a single-employer plan [] a multiple-employer plan (not multiemployer) (Pension Plan filers checking this box must attach Schedule MEP. Other plans must attach a list of participating employer information in accordance with the form instructions.)
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 Check box if filing under: [X] Form 5558 [] automatic extension [] DFVC program [] special extension (enter description)
D If the plan is a collectively-bargained plan, check here []
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: ROOTS BLOWERS LLC UNION PENSION PLAN
1b Three-digit plan number (PN): 102
1c Effective date of plan: 09/30/2019
2a Plan sponsor's name (employer, if for a single-employer plan): ROOTS BLOWERS LLC
2b Employer Identification Number (EIN): 47-4066443
2c Sponsor's telephone number: 803-741-2726
2d Business code (see instructions): 333410
3a Plan administrator's name and address: [X] 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.
4b EIN
4d PN
5a Total number of participants at the beginning of the plan year: 26
5b Total number of participants at the end of the plan year: 26
5c(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item)
5c(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)
5d(1) Total number of active participants at the beginning of the plan year: 20
5d(2) Total number of active participants at the end of the plan year: 18
5e Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested: 0

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, if applicable, a Schedule SB or Schedule MB completed and signed by an enrolled actuary, 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. Row 1: Filed with authorized/valid electronic signature, 10/09/2025, JAMES CONWAY. Row 2: Signature of employer/plan sponsor, Date, Enter name of individual signing as employer or plan sponsor.

- 6a** Were all of the plan's assets during the plan year invested in eligible assets? (See instructions.) Yes No
- b** Are you claiming a waiver of the annual examination and report of an independent qualified public accountant (IQPA) under 29 CFR 2520.104-46? (See instructions on waiver eligibility and conditions.) Yes No
- If you answered "No" to either line 6a or line 6b, the plan cannot use Form 5500-SF and must instead use Form 5500.**
- c** If the plan is a defined benefit plan, is it covered under the PBGC insurance program (see ERISA section 4021)? Yes No Not determined
- If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year: 567792. (See instructions.)

Part III Financial Information			
7 Plan Assets and Liabilities		(a) Beginning of Year	(b) End of Year
a Total plan assets	7a	495830	565567
b Total plan liabilities	7b		
c Net plan assets (subtract line 7b from line 7a)	7c	495830	565567
8 Income, Expenses, and Transfers for this Plan Year		(a) Amount	(b) Total
a Contributions received or receivable from:			
(1) Employers	8a(1)	52100	
(2) Participants	8a(2)		
(3) Others (including rollovers)	8a(3)		
b Other income (loss)	8b	39111	
c Total income (add lines 8a(1), 8a(2), 8a(3), and 8b)	8c		91211
d Benefits paid (including direct rollovers and insurance premiums to provide benefits)	8d	5025	
e Certain deemed and/or corrective distributions (see instructions) .	8e		
f Administrative service providers (salaries, fees, commissions)	8f	16449	
g Other expenses	8g		
h Total expenses (add lines 8d, 8e, 8f, and 8g)	8h		21474
i Net income (loss) (subtract line 8h from line 8c)	8i		69737
j Transfers to (from) the plan (see instructions)	8j		

Part IV Plan Characteristics	
9a	If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristic Codes in the instructions: 1B
b	If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristic Codes in the instructions:

Part V Compliance Questions				
10 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)	10a		X	
b Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 10a.)	10b		X	
c Was the plan covered by a fidelity bond?	10c	X		5000000
d Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	10d		X	
e Were any fees or commissions paid to any brokers, agents, or other persons by an insurance carrier, insurance service, or other organization that provides some or all of the benefits under the plan? (See instructions.)	10e		X	
f Has the plan failed to provide any benefit when due under the plan?	10f		X	
g Did the plan have any participant loans? (If "Yes," enter amount as of year-end.)	10g		X	
h If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	10h			
i If 10h was answered "Yes," check the box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3	10i			

Part VI Pension Funding Compliance

11 Is this a defined benefit plan subject to minimum funding requirements? (If "Yes," see instructions and complete Schedule SB (Form 5500) and lines 11a and b below.) If this is a defined contribution pension plan, leave line 11 blank and complete line 12 below. Yes No

a Enter the unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 **11a** 0

b PBGC missed contribution reporting requirements. If the plan is covered by PBGC and the amount reported on line 11a is greater than \$0, 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 _____

12 Is this a defined contribution plan subject to the minimum funding requirements of section 412 of the Code or section 302 of ERISA? (If "Yes," complete line 12a or lines 12b, 12c, 12d, and 12e below, as applicable.) If this is a defined benefit pension plan, leave line 12 blank and complete line 11 above. Yes No

a 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 letter ruling granting the waiver. _____ Month _____ Day _____ Year _____

If you completed line 12a, complete lines 3, 9, and 10 of Schedule MB (Form 5500), and skip to line 13.

b Enter the minimum required contribution for this plan year **12b**

c Enter the amount contributed by the employer to the plan for this plan year **12c**

d Subtract the amount in line 12c from the amount in line 12b. Enter the result (enter a minus sign to the left of a negative amount) **12d**

e Will the minimum funding amount reported on line 12d be met by the funding deadline? Yes No N/A

Part VII Plan Terminations and Transfers of Assets

13a Has a resolution to terminate the plan been adopted in any plan year? Yes No

a If "Yes," enter the amount of any plan assets that reverted to the employer this year. **13a**

b Were all the plan assets distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC? Yes No

c 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.)

13c(1) Name of plan(s):	13c(2) EIN(s)	13c(3) PN(s)

Part VIII IRS Compliance Questions

14a 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

14b 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

15 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 _____.

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
---	--	--

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>ROOTS BLOWERS LLC UNION PENSION PLAN</u>	B Three-digit plan number (PN) ▶	<u>102</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>ROOTS BLOWERS LLC</u>	D Employer Identification Number (EIN) <u>47-4066443</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 checked="" type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input 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>492642</u>
	b Actuarial value	2b	<u>480731</u>
3	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target
	a For retired participants and beneficiaries receiving payment	<u>5</u>	<u>66913</u>
	b For terminated vested participants	<u>1</u>	<u>13362</u>
	c For active participants	<u>20</u>	<u>335648</u>
	d Total	<u>26</u>	<u>415923</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>5.17 %</u>
6	Target normal cost		
	a Present value of current plan year accruals	6a	<u>58766</u>
	b Expected plan-related expenses	6b	<u>19000</u>
	c Target normal cost	6c	<u>77766</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		<u>09/30/2025</u>
	Signature of actuary	Date
	<u>JAMES D. BURKE</u>	<u>23-06899</u>
	Type or print name of actuary	Most recent enrollment number
	<u>CBIZ</u>	<u>215-587-0700</u>
	Firm name	Telephone number (including area code)
	<u>1845 WALNUT ST., 10TH FLOOR PHILADELPHIA, PA 19103</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)	0	0
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)		
9	Amount remaining (line 7 minus line 8)	0	0
10	Interest on line 9 using prior year's actual return of <u>14.67</u> %	0	0
11	Prior year's excess contributions to be added to prefunding balance:		
a	Present value of excess contributions (line 38a from prior year)		130
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>5.30</u> %		7
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		137
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)	0	0

Part III Funding Percentages			
14	Funding target attainment percentage	14	106.64 %
15	Adjusted funding target attainment percentage	15	106.64 %
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	105.97 %
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		
09/11/2025	52100	0					
			Totals ▶	18(b)	52100	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 47837
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: 4.87 %	<input type="checkbox"/> N/A, full yield curve used
b Applicable month (enter code)			21b 4
22 Weighted average retirement age			22 63
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 type="checkbox"/> Yes <input checked="" 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 type="checkbox"/> Yes <input checked="" 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 77766
b Excess assets, if applicable, but not greater than line 31a			31b 29956
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 47810
	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 47810
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)			37 47837
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)			38a 27
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 ATTACHMENT

Line 26a - Schedule of Active Participant Data

Plan Name: Roots Blowers LLC Union Pension Plan

EIN/PN: 47-4066443/102

Valuation Date: January 1, 2024

Age	Years of Credited Service										Total
	Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & Over	
Under 25	-	-	-	-	-	-	-	-	-	-	-
25 to 29	-	-	-	-	-	-	-	-	-	-	-
30 to 34	-	-	-	-	-	-	-	-	-	-	-
35 to 39	-	-	-	-	1	-	-	-	-	-	1
40 to 44	-	-	-	-	-	-	-	-	-	-	-
45 to 49	-	-	-	-	2	-	-	-	-	-	2
50 to 54	-	-	-	-	2	-	-	-	-	-	2
55 to 59	-	-	-	-	1	-	-	2	-	-	3
60 to 64	-	-	-	-	5	-	-	3	-	-	8
65 to 69	-	-	-	-	2	-	-	-	-	2	4
70 & Over	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	13	-	-	5	-	2	20

Schedule SB, Part V - Statement of Actuarial Assumptions/Methods

Funding Discount Rates IRS-Prescribed Three-Segment Rates, for the fourth month prior to the valuation date (September).

	Non-Stabilized	Limited to 25- Year Corridor
Segment 1:	3.62%	4.75%
Segment 2:	4.46%	4.87%
Segment 3:	4.52%	5.59%

The "Limited to 25 Year Corridor" rates are adjusted by the applicable maximum and applicable minimum percentages of the 25-year average segment rates, as set forth in the American Rescue Plan Act of 2021 for use in Minimum Required Contribution calculations. The IRS Maximum Deductible Limit Calculations use the rates from the "Non-Stabilized" column above.

Effective Interest Rate The Effective Interest Rate (EIR) for the current Plan Year is 5.17%. For the prior Plan Year, the EIR was 5.30%.

The EIR is the single rate of interest which, if used to determine the Funding Target, would result in the same Funding Target determined using the Plan Sponsor's above-elected discount rates. The EIR is used to discount contributions for minimum funding requirements and to accumulate excess contributions to the end of the year.

Funding Expected Return on Assets The Expected Return on Assets (EROA) used in the calculation of the Actuarial Value of Assets is the lesser of (a) or (b), below:

(a) The expected long-term rate of return on assets based on policy trust allocations; or

(b) The third segment rate in the IRS-prescribed three-segment rate assumption, based on the elections made by the Plan Sponsor for minimum funding purposes.

The results are as follows:

Plan Year	Assumption (a)	Seg. III (b)	EROA (smaller of (a) or (b))
2023	4.00%	5.74%	4.00%
2022	4.00%	5.92%	4.00%

Funding Administrative Expenses Administrative expenses of \$19,000 were estimated to be paid from the trust in the current Plan Year and were included in the Normal Cost.

Funding Mortality §430(h) Generational Separate Annuitant/Non-Annuitant Mortality Tables for the Current Plan Year.

Disability Mortality is assumed to be the same as that used for Healthy Retirees.

Withdrawal Rates The withdrawal rates are as follows:

Age	Rate
24 - 36	5%
37 - 59	2%
60+	0%

Disability Incidence Disability rates are based on the SOA 2012 IDEC Claim Incidence Rate Tables (class 3 for males). Sample rates are shown below:

Age	Rate
35	0.020%
45	0.062%
55	0.184%

Retirement Rates The retirement rates are as follows:

Age	Rate
60	15%
61	20%
62	30%
63 - 64	15%
65	50%
66 - 69	10%
70	100%

Spousal Assumptions 80% of employees are assumed to be married.

Females are assumed to be three years younger than their spouses.

Form of Payment Participants are assumed to elect the following optional forms:
 - 75% elect the Single Life Annuity
 - 25% elect the 50% Joint and Survivor Annuity

Changes in funding assumptions since the prior valuation

In accordance with federal law, the discount rates for funding and PBGC purposes were updated from the discount rates disclosed in the 2023 Actuarial Valuation Report to the discount rates shown above.

The funding mortality table was changed from the IRS 2023 Static Mortality Table to the IRS 2024 Generational Mortality Table.

Actuarial Cost Method

The Pension Protection Act (PPA) requires the calculation of the Target Liability and Target Normal Cost. The Target Liability represents the present value of benefits accumulated as of the valuation date. The present value is calculated by projecting future payments of the accrued benefit, adjusting for probability of receipt according to demographic assumptions, and discounting the payments back to the valuation date using the segment interest rates. Payments expected within five years of the valuation date are discounted using the first segment rate, payments expected at least five but within 20 years of the valuation date are discounted using the second segment rate, and payments expected at least 20 years from the valuation date are discounted using the third segment rate. The calculation of the Target Normal Cost is identical, except that the future payment stream is based on the benefit expected to accrue during the plan year.

Funding Actuarial Value of Assets Method

The Actuarial Value of Assets is determined by averaging three market values: the market value as of the current year valuation date, and the two market values at each of the prior two years' valuation dates. The two prior year market values are adjusted for any benefit payments, expenses, contributions, and expected returns that occurred between their respective valuation dates and the current year valuation date. The Actuarial Value of Assets is adjusted to be no greater than 110% and no less than 90% of the market value of assets as of the current year valuation date.

Accrued contributions are discounted back to the valuation date at the prior year's effective interest rate.

Changes in methods since the prior valuation

None.

**SCHEDULE SB
(Form 5500)**

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration
Pension Benefit Guaranty Corporation

**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.**

OMB No. 1210-0110

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

▶ **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 Roots Blowers LLC Union Pension Plan		B Three-digit plan number (PN) ▶	102
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF Roots Blowers LLC		D Employer Identification Number (EIN) 47-4066443	
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 checked="" type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input 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:		2a	492,642
a Market value		2b	480,731
b Actuarial value			
3 Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a For retired participants and beneficiaries receiving payment	5	66,913	66,913
b For terminated vested participants	1	13,362	13,362
c For active participants	20	335,648	370,500
d Total	26	415,923	450,775
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		5.17%
6 Target normal cost			
a Present value of current plan year accruals	6a		58,766
b Expected plan-related expenses	6b		19,000
c Target normal cost	6c		77,766

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	<u>Jamed D. Burke</u> Signature of actuary	<u>9/30/2025</u> Date
	James D. Burke Type or print name of actuary	2306899 Most recent enrollment number
CBIZ	Firm name	215-587-0700 Telephone number (including area code)
1845 Walnut St., 10th Floor Philadelphia PA 19103 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 V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:				
a Segment rates:	1st segment: 4.75%	2nd segment: 4.87%	3rd segment: 5.59%	<input type="checkbox"/> N/A, full yield curve used
b Applicable month (enter code).....				21b 4
22 Weighted average retirement age				22 63
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 type="checkbox"/> Yes	<input checked="" 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 type="checkbox"/> Yes	<input checked="" 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	77,766	
b Excess assets, if applicable, but not greater than line 31a	31b	29,956	
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	47,810	
	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	47,810	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....	37	47,837	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	27	
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 ATTACHMENT

Line 22 - Description of Weighted Average Retirement Age

Plan Name: Roots Blowers LLC Union Pension Plan

EIN/PN: 47-4066443/102

Valuation Date: January 1, 2024

<u>Age</u>	<u>Count</u>	<u>Ret. Rate</u>	<u># Ret</u>	<u>Weighted</u>
60	1,000.000	15.00%	150.000	9,000.000
61	850.000	20.00%	170.000	10,370.000
62	680.000	30.00%	204.000	12,648.000
63	476.000	15.00%	71.400	4,498.200
64	404.600	15.00%	60.690	3,884.160
65	343.910	50.00%	171.955	11,177.075
66	171.955	10.00%	17.196	1,134.903
67	154.760	10.00%	15.476	1,036.889
68	139.284	10.00%	13.928	947.128
69	125.355	10.00%	12.536	864.951
70	112.820	100.00%	112.820	7,897.377
Average Retirement Age				63.459

SCHEDULE SB ATTACHMENT

Line 26a - Schedule of Active Participant Data

Plan Name: Roots Blowers LLC Union Pension Plan

EIN/PN: 47-4066443/102

Valuation Date: January 1, 2024

Age	Years of Credited Service										Total
	Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 & Over	
Under 25	-	-	-	-	-	-	-	-	-	-	-
25 to 29	-	-	-	-	-	-	-	-	-	-	-
30 to 34	-	-	-	-	-	-	-	-	-	-	-
35 to 39	-	-	-	-	1	-	-	-	-	-	1
40 to 44	-	-	-	-	-	-	-	-	-	-	-
45 to 49	-	-	-	-	2	-	-	-	-	-	2
50 to 54	-	-	-	-	2	-	-	-	-	-	2
55 to 59	-	-	-	-	1	-	-	2	-	-	3
60 to 64	-	-	-	-	5	-	-	3	-	-	8
65 to 69	-	-	-	-	2	-	-	-	-	2	4
70 & Over	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	13	-	-	5	-	2	20

Schedule SB, Part V - Statement of Actuarial Assumptions/Methods

Funding Discount Rates IRS-Prescribed Three-Segment Rates, for the fourth month prior to the valuation date (September).

	Non-Stabilized	Limited to 25- Year Corridor
Segment 1:	3.62%	4.75%
Segment 2:	4.46%	4.87%
Segment 3:	4.52%	5.59%

The "Limited to 25 Year Corridor" rates are adjusted by the applicable maximum and applicable minimum percentages of the 25-year average segment rates, as set forth in the American Rescue Plan Act of 2021 for use in Minimum Required Contribution calculations. The IRS Maximum Deductible Limit Calculations use the rates from the "Non-Stabilized" column above.

Effective Interest Rate The Effective Interest Rate (EIR) for the current Plan Year is 5.17%. For the prior Plan Year, the EIR was 5.30%.

The EIR is the single rate of interest which, if used to determine the Funding Target, would result in the same Funding Target determined using the Plan Sponsor's above-elected discount rates. The EIR is used to discount contributions for minimum funding requirements and to accumulate excess contributions to the end of the year.

Funding Expected Return on Assets The Expected Return on Assets (EROA) used in the calculation of the Actuarial Value of Assets is the lesser of (a) or (b), below:

(a) The expected long-term rate of return on assets based on policy trust allocations; or

(b) The third segment rate in the IRS-prescribed three-segment rate assumption, based on the elections made by the Plan Sponsor for minimum funding purposes.

The results are as follows:

Plan Year	Assumption (a)	Seg. III (b)	EROA (smaller of (a) or (b))
2023	4.00%	5.74%	4.00%
2022	4.00%	5.92%	4.00%

Funding Administrative Expenses Administrative expenses of \$19,000 were estimated to be paid from the trust in the current Plan Year and were included in the Normal Cost.

Funding Mortality §430(h) Generational Separate Annuitant/Non-Annuitant Mortality Tables for the Current Plan Year.

Disability Mortality is assumed to be the same as that used for Healthy Retirees.

Withdrawal Rates The withdrawal rates are as follows:

Age	Rate
24 - 36	5%
37 - 59	2%
60+	0%

Disability Incidence Disability rates are based on the SOA 2012 IDEC Claim Incidence Rate Tables (class 3 for males). Sample rates are shown below:

Age	Rate
35	0.020%
45	0.062%
55	0.184%

Retirement Rates The retirement rates are as follows:

Age	Rate
60	15%
61	20%
62	30%
63 - 64	15%
65	50%
66 - 69	10%
70	100%

Spousal Assumptions 80% of employees are assumed to be married.

Females are assumed to be three years younger than their spouses.

Form of Payment Participants are assumed to elect the following optional forms:
 - 75% elect the Single Life Annuity
 - 25% elect the 50% Joint and Survivor Annuity

Changes in funding assumptions since the prior valuation

In accordance with federal law, the discount rates for funding and PBGC purposes were updated from the discount rates disclosed in the 2023 Actuarial Valuation Report to the discount rates shown above.

The funding mortality table was changed from the IRS 2023 Static Mortality Table to the IRS 2024 Generational Mortality Table.

Actuarial Cost Method

The Pension Protection Act (PPA) requires the calculation of the Target Liability and Target Normal Cost. The Target Liability represents the present value of benefits accumulated as of the valuation date. The present value is calculated by projecting future payments of the accrued benefit, adjusting for probability of receipt according to demographic assumptions, and discounting the payments back to the valuation date using the segment interest rates. Payments expected within five years of the valuation date are discounted using the first segment rate, payments expected at least five but within 20 years of the valuation date are discounted using the second segment rate, and payments expected at least 20 years from the valuation date are discounted using the third segment rate. The calculation of the Target Normal Cost is identical, except that the future payment stream is based on the benefit expected to accrue during the plan year.

Funding Actuarial Value of Assets Method

The Actuarial Value of Assets is determined by averaging three market values: the market value as of the current year valuation date, and the two market values at each of the prior two years' valuation dates. The two prior year market values are adjusted for any benefit payments, expenses, contributions, and expected returns that occurred between their respective valuation dates and the current year valuation date. The Actuarial Value of Assets is adjusted to be no greater than 110% and no less than 90% of the market value of assets as of the current year valuation date.

Accrued contributions are discounted back to the valuation date at the prior year's effective interest rate.

Changes in methods since the prior valuation

None.

Schedule SB, Part V – Summary of Plan Provisions

Eligible Employees	Any employee, except a leased employee, who is a member of the bargaining unit represented by the Union, and who is employed at the Connersville, Indiana location of the employer as of September 30, 2019.	
Plan Participation	Eligible Employees enter the Plan immediately on September 30, 2019, the inception date of the Plan. No new employees shall enter the plan after this date.	
Participation Service	Elapsed time of period of employment, including service from the prior Colfax pension plan, used for vesting and benefit eligibility.	
Benefit Service	Elapsed time of period of employment, beginning September 30, 2019, plus service from the prior Colfax pension plan.	
Benefit Multiplier	<u>Benefit Service Period</u>	<u>Benefit Multiplier</u>
	Prior to November 1, 2009	\$31.25
	November 1, 2009 - October 31, 2011	33.25
	November 1, 2011 - March 31, 2015	35.00
	April 1, 2015 - March 31, 2018	36.00
	April 1, 2018 and later	37.00
Monthly Pension Benefit	The Monthly Pension Benefit is equal to the Benefit Multiplier times years of Benefit Service, with increases applied for prospective service only, considering only full months, with a maximum of 41 years, less the Participant's Prior Colfax Pension Plan Benefit.	
Prior Colfax Pension Plan Benefit	The monthly benefit the Participant earned under the prior Colfax pension plan as of September 30, 2019.	
Normal Retirement Date	Age 65 and completion of five years of Participation Service.	
Normal Retirement Benefit	Monthly Pension Benefit determined as of Normal Retirement Date.	
Early Retirement Date	Attainment of age 60 and completion of ten years of Participation Service.	

Early Retirement Benefit Monthly Pension Benefit (before deducting the Prior Colfax Pension Plan Benefit) determined as of Early Retirement Date, reduced for commencement prior to Normal Retirement Date based on the following:

If the benefit commences before age 62, the reduction is 1/180th for each complete month before age 65.

If the benefit commences on or after age 62, the benefit is not reduced.

The Prior Colfax Pension Plan Benefit is then reduced and deducted, based on the following:

If the Participant attained age 60 as of the spinoff, the Participant's Prior Colfax Pension Plan Benefit is reduced using the same early retirement provision described above.

If the Participant did not attain age 60 as of the spinoff, the Participant's Prior Colfax Pension Plan Benefit is reduced using the prior Colfax pension plan's actuarial equivalence.

Deferred Retirement Date Retirement after Normal Retirement Date.

Deferred Retirement Benefit The Deferred Retirement Benefit is equal to the Monthly Pension Benefit payable at the Participant's actual retirement date reflecting service to the date of termination.

Vested Retirement Eligibility Completion of five years of Participation Service or attainment of age 65.

Vested Retirement Benefit Monthly Pension Benefit determined as of termination, with actuarially equivalent reduction if the benefit commences before age 65 (but no earlier than Early Retirement Date).

Death Benefit Upon the death of a vested active Participant, the spouse (if any) shall receive a pre-retirement survivor annuity, the amount of which is equal to the survivor's annuity under the qualified joint and survivor annuity, payable beginning either immediately (if the Participant had reached the Earliest Retirement Age) or at the Earliest Retirement Age (if the Participant had not reached Earliest Retirement Age).

Supplemental Death Benefit	<p>The spouse of a vested active Participant who attained age 55 but not age 60 shall receive, for a total of 24 months, the greater of 1) \$125 per month and 2) the pre-retirement survivor annuity described above. After the 24-month period, the spouse will receive the pre-retirement survivor annuity.</p> <p>The spouse of a vested active Participant who attained age 60 but not age 65 shall receive the greater of 1) the pre-retirement survivor annuity described above and 2) the Participant's Normal Retirement Benefit, reduced 1/180th for each complete month before age 65, and further reduced by 10% plus (or minus) 1/2% for each full year the Participant was older (or younger) than the spouse.</p>
Disability Eligibility	Total and permanent disability prior to age 65 and completion of ten years of Participation Service.
Disability Benefit	Monthly Pension Benefit based on the Benefit Service as of the disability retirement date, reduced by the amount of Worker's Compensation or any other Disability Benefits payable to the Participant.
Forms of Payment	<p>Normal form: life annuity; or if married, an actuarially equivalent 50% joint and survivor annuity.</p> <p>Optional forms: life annuity, or 50%, 75%, or 100% joint and contingent survivor annuity.</p>
Changes since Prior Valuation	None.

SCHEDULE SB ATTACHMENT

Line 22 - Description of Weighted Average Retirement Age

Plan Name: Roots Blowers LLC Union Pension Plan

EIN/PN: 47-4066443/102

Valuation Date: January 1, 2024

<u>Age</u>	<u>Count</u>	<u>Ret. Rate</u>	<u># Ret</u>	<u>Weighted</u>
60	1,000.000	15.00%	150.000	9,000.000
61	850.000	20.00%	170.000	10,370.000
62	680.000	30.00%	204.000	12,648.000
63	476.000	15.00%	71.400	4,498.200
64	404.600	15.00%	60.690	3,884.160
65	343.910	50.00%	171.955	11,177.075
66	171.955	10.00%	17.196	1,134.903
67	154.760	10.00%	15.476	1,036.889
68	139.284	10.00%	13.928	947.128
69	125.355	10.00%	12.536	864.951
70	112.820	100.00%	112.820	7,897.377
Average Retirement Age				63.459

Schedule SB, Part V – Summary of Plan Provisions

Eligible Employees	Any employee, except a leased employee, who is a member of the bargaining unit represented by the Union, and who is employed at the Connersville, Indiana location of the employer as of September 30, 2019.	
Plan Participation	Eligible Employees enter the Plan immediately on September 30, 2019, the inception date of the Plan. No new employees shall enter the plan after this date.	
Participation Service	Elapsed time of period of employment, including service from the prior Colfax pension plan, used for vesting and benefit eligibility.	
Benefit Service	Elapsed time of period of employment, beginning September 30, 2019, plus service from the prior Colfax pension plan.	
Benefit Multiplier	<u>Benefit Service Period</u>	<u>Benefit Multiplier</u>
	Prior to November 1, 2009	\$31.25
	November 1, 2009 - October 31, 2011	33.25
	November 1, 2011 - March 31, 2015	35.00
	April 1, 2015 - March 31, 2018	36.00
	April 1, 2018 and later	37.00
Monthly Pension Benefit	The Monthly Pension Benefit is equal to the Benefit Multiplier times years of Benefit Service, with increases applied for prospective service only, considering only full months, with a maximum of 41 years, less the Participant's Prior Colfax Pension Plan Benefit.	
Prior Colfax Pension Plan Benefit	The monthly benefit the Participant earned under the prior Colfax pension plan as of September 30, 2019.	
Normal Retirement Date	Age 65 and completion of five years of Participation Service.	
Normal Retirement Benefit	Monthly Pension Benefit determined as of Normal Retirement Date.	
Early Retirement Date	Attainment of age 60 and completion of ten years of Participation Service.	

Early Retirement Benefit Monthly Pension Benefit (before deducting the Prior Colfax Pension Plan Benefit) determined as of Early Retirement Date, reduced for commencement prior to Normal Retirement Date based on the following:

If the benefit commences before age 62, the reduction is 1/180th for each complete month before age 65.

If the benefit commences on or after age 62, the benefit is not reduced.

The Prior Colfax Pension Plan Benefit is then reduced and deducted, based on the following:

If the Participant attained age 60 as of the spinoff, the Participant's Prior Colfax Pension Plan Benefit is reduced using the same early retirement provision described above.

If the Participant did not attain age 60 as of the spinoff, the Participant's Prior Colfax Pension Plan Benefit is reduced using the prior Colfax pension plan's actuarial equivalence.

Deferred Retirement Date Retirement after Normal Retirement Date.

Deferred Retirement Benefit The Deferred Retirement Benefit is equal to the Monthly Pension Benefit payable at the Participant's actual retirement date reflecting service to the date of termination.

Vested Retirement Eligibility Completion of five years of Participation Service or attainment of age 65.

Vested Retirement Benefit Monthly Pension Benefit determined as of termination, with actuarially equivalent reduction if the benefit commences before age 65 (but no earlier than Early Retirement Date).

Death Benefit Upon the death of a vested active Participant, the spouse (if any) shall receive a pre-retirement survivor annuity, the amount of which is equal to the survivor's annuity under the qualified joint and survivor annuity, payable beginning either immediately (if the Participant had reached the Earliest Retirement Age) or at the Earliest Retirement Age (if the Participant had not reached Earliest Retirement Age).

Supplemental Death Benefit	<p>The spouse of a vested active Participant who attained age 55 but not age 60 shall receive, for a total of 24 months, the greater of 1) \$125 per month and 2) the pre-retirement survivor annuity described above. After the 24-month period, the spouse will receive the pre-retirement survivor annuity.</p> <p>The spouse of a vested active Participant who attained age 60 but not age 65 shall receive the greater of 1) the pre-retirement survivor annuity described above and 2) the Participant's Normal Retirement Benefit, reduced 1/180th for each complete month before age 65, and further reduced by 10% plus (or minus) 1/2% for each full year the Participant was older (or younger) than the spouse.</p>
Disability Eligibility	Total and permanent disability prior to age 65 and completion of ten years of Participation Service.
Disability Benefit	Monthly Pension Benefit based on the Benefit Service as of the disability retirement date, reduced by the amount of Worker's Compensation or any other Disability Benefits payable to the Participant.
Forms of Payment	<p>Normal form: life annuity; or if married, an actuarially equivalent 50% joint and survivor annuity.</p> <p>Optional forms: life annuity, or 50%, 75%, or 100% joint and contingent survivor annuity.</p>
Changes since Prior Valuation	None.