

<div>Form 5500</div> <div>Department of the Treasury Internal Revenue Service</div> <div>Department of Labor Employee Benefits Security Administration</div> <div>Pension Benefit Guaranty Corporation</div>	<div>Annual Return/Report of Employee Benefit Plan</div> <div>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).</div> <div>▶ Complete all entries in accordance with the instructions to the Form 5500.</div>	<div>OMB Nos. 1210-0110 1210-0089</div> <div>2023</div> <div>This Form is Open to Public Inspection</div>
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Part I	Annual Report Identification Information
For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023	
A	This return/report is for: <div><div>☐ a multiemployer plan</div><div>☐ a multiple-employer plan (Filers checking this box must provide participating employer information in accordance with the form instructions.)</div><div>☒ a single-employer plan</div><div>☐ a DFE (specify) _____</div></div>
B	This return/report is: <div><div>☐ the first return/report</div><div>☐ the final return/report</div><div>☐ an amended return/report</div><div>☐ a short plan year return/report (less than 12 months)</div></div>
C	If the plan is a collectively-bargained plan, check here. ▶ ☐
D	Check box if filing under: <div><div>☒ Form 5558</div><div>☐ automatic extension</div><div>☐ the DFVC program</div><div>☐ special extension (enter description)</div></div>
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 GRAFTECH INTERNATIONAL HOLDINGS INC. RETIREMENT PLAN
1b	Three-digit plan number (PN) ▶ 001
1c	Effective date of plan 02/25/1991
2a	Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) GRAFTECH INTERNATIONAL HOLDINGS INC HUMAN RESOURCE DEPARTMENT 982 KEYNOTE CIRCLE BROOKLYN HEIGHTS, OH 44131
2b	Employer Identification Number (EIN) 06-1249029
2c	Plan Sponsor's telephone number 216-676-2681
2d	Business code (see instructions) 335900

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.			
SIGN HERE	Filed with authorized/valid electronic signature.	10/08/2024	KRISTEN ALEXA-KNEISEL
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN 3c Administrator's telephone number <div style="background-color: #cccccc; height: 40px; width: 100%;"></div>
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 1437
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	<div style="background-color: #cccccc; height: 20px; width: 100%;"></div> <div style="background-color: #cccccc; height: 20px; width: 100%;"></div> 6a(1) 9 6a(2) 9 6b 891 6c 255 6d 1155 6e 256 6f 1411 6g(1) 6g(2) 6h 0
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 1I

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) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
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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 0
- (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 2023 Form M-1 annual report. If the plan was not required to file the 2023 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 _____

<div>SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</div>	<div>Single-Employer Defined Benefit Plan Actuarial Information</div> <div>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).</div> <div>File as an attachment to Form 5500 or 5500-SF.</div>	<div>OMB No. 1210-0110</div> <div>2023</div> <div>This Form is Open to Public Inspection</div>
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For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023	
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 GRAFTECH INTERNATIONAL HOLDINGS INC. RETIREMENT PLAN	B Three-digit plan number (PN) 001
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF GRAFTECH INTERNATIONAL HOLDINGS INC	D Employer Identification Number (EIN) 06-1249029
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500

Part I	Basic Information			
1	Enter the valuation date: Month 01 Day 01 Year 2023			
2	Assets:			
a	Market value	2a	80007476	
b	Actuarial value	2b	88008223	
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	1158	84418782	84418782
b	For terminated vested participants	270	12392516	12392516
c	For active participants	9	1235967	1235967
d	Total	1437	98047265	98047265
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	5.11 %	
6	Target normal cost			
a	Present value of current plan year accruals	6a	0	
b	Expected plan-related expenses	6b	1457000	
c	Target normal cost	6c	1457000	

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.

<div>SIGN HERE</div>	<div>Signature of actuary</div> <div>KARTHIK BALAJI, FSA, EA</div> <div>Type or print name of actuary</div> <div>AON CONSULTING, INC.</div> <div>Firm name</div> <div>MSC #17510 P.O. BOX 1447 LINCOLNSHIRE, IL 60069</div> <div>Address of the firm</div>	<div>09/26/2024</div> <div>Date</div> <div>23-07905</div> <div>Most recent enrollment number</div> <div>312-381-1000</div> <div>Telephone number (including area code)</div>
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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)	0	0
9	Amount remaining (line 7 minus line 8)	0	0
10	Interest on line 9 using prior year's actual return of <u>-19.31</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)		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>5.28</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)	0	0

Part III Funding Percentages			
14	Funding target attainment percentage	14	89.76 %
15	Adjusted funding target attainment percentage	15	89.76 %
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	108.46 %
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
09/12/2024	2600000	0			
Totals ►			18(b)	2600000	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 2389183
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
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21 Discount rate:			
a Segment rates:	1st segment: 4.75 %	2nd segment: 5.00 %	3rd segment: 5.74 %
			☐ N/A, full yield curve used
b Applicable month (enter code).....			21b 4
22 Weighted average retirement age			22 62
23 Mortality table(s) (see instructions) ☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute			

Part VI	Miscellaneous Items
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24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment.		☒ Yes ☐ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.		☐ Yes ☒ 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.		☒ Yes ☐ No
b Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment ...		☒ Yes ☐ 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
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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
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31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6c).....	31a	1457000	
b Excess assets, if applicable, but not greater than line 31a	31b	0	
32 Amortization installments:	Outstanding Balance	Installment	
a Net shortfall amortization installment	10039042	919383	
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	2376383	
	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	2376383	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....	37	2389183	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	12800	
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)
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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. ☐ 2019 ☐ 2020 ☐ 2021

<div>SCHEDULE C</div> <div>(Form 5500)</div> <div>Department of the Treasury Internal Revenue Service</div> <div>Department of Labor Employee Benefits Security Administration</div> <div>Pension Benefit Guaranty Corporation</div>	<div>Service Provider Information</div> <div>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).</div> <div>▶ File as an attachment to Form 5500.</div>	OMB No. 1210-0110
		2023
		This Form is Open to Public Inspection.

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan GRAFTECH INTERNATIONAL HOLDINGS INC. RETIREMENT PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 GRAFTECH INTERNATIONAL HOLDINGS INC	D Employer Identification Number (EIN) 06-1249029	

Part I	Service Provider Information (see instructions)
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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
AON COLLECTIVE INVESTMENT TRUST
37-6543784

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

AON CONSULTING

22-2232264

(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	184613	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

AON INVESTMENTS USA INC.

36-3109431

(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 50	NONE	160565	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(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 ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

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:	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:

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

Explanation:

<div>SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration</div>	<div>DFE/Participating Plan Information</div> <div>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).</div> <div>▶ File as an attachment to Form 5500.</div>	<div>OMB No. 1210-0110</div> <div>2023</div> <div>This Form is Open to Public Inspection.</div>
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For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023

A Name of plan GRAFTECH INTERNATIONAL HOLDINGS INC. RETIREMENT PLAN	B Three-digit plan number (PN) ▶	001
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C Plan or DFE sponsor's name as shown on line 2a of Form 5500 GRAFTECH INTERNATIONAL HOLDINGS INC	D Employer Identification Number (EIN) 06-1249029
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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: AON HIGH YIELD PLUS FUND-CLASS I

b Name of sponsor of entity listed in (a): AON TRUST COMPANY LLC

c EIN-PN 37-6543784-007	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 408806
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a Name of MTIA, CCT, PSA, or 103-12 IE: AON GLOBAL EQUITY FUND-CLASS I

b Name of sponsor of entity listed in (a): AON TRUST COMPANY LLC

c EIN-PN 37-6543784-004	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3078080
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a Name of MTIA, CCT, PSA, or 103-12 IE: AON NON-US EQUITY FUND- CLASS I

b Name of sponsor of entity listed in (a): AON TRUST COMPANY LLC

c EIN-PN 37-6543784-005	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3384684
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a Name of MTIA, CCT, PSA, or 103-12 IE: AON US LONG GOVT BOND INDX FD- CL I

b Name of sponsor of entity listed in (a): AON TRUST COMPANY LLC

c EIN-PN 37-6543784-042	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 283962
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a Name of MTIA, CCT, PSA, or 103-12 IE: AON US INTER GOVT BOND INDX FD-CL I

b Name of sponsor of entity listed in (a): AON TRUST COMPANY LLC

c EIN-PN 37-6543784-043	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1648303
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a Name of MTIA, CCT, PSA, or 103-12 IE: AON SMALL CAP EQUITY INDEX FD- CL I

b Name of sponsor of entity listed in (a): AON TRUST COMPANY LLC

c EIN-PN 37-6543784-045	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 828105
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a Name of MTIA, CCT, PSA, or 103-12 IE: AON LARGE CAP EQUITY INDEX FD- CL I

b Name of sponsor of entity listed in (a): AON TRUST COMPANY LLC

c EIN-PN 37-6543784-046	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 4823858
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a Name of MTIA, CCT, PSA, or 103-12 IE: AON LONG CREDIT BOND FUND- CL I

b Name of sponsor of entity listed in (a): AON TRUST COMPANY LLC

c EIN-PN 37-6543784-040	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 42204195
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a Name of MTIA, CCT, PSA, or 103-12 IE: AON INTER CREDIT BOND FUND-CL I

b Name of sponsor of entity listed in (a): AON TRUST COMPANY LLC

c EIN-PN 37-6543784-038	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 16442464
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a Name of MTIA, CCT, PSA, or 103-12 IE: AON MULTI ASSET CREDIT FUND-CL I

b Name of sponsor of entity listed in (a): AON TRUST COMPANY LLC

c EIN-PN 37-6543784-041	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2484302
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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)
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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)
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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)
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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)
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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)
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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)
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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)
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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
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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) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	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.	OMB No. 1210-0110
		2023
		This Form is Open to Public Inspection

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan GRAFTECH INTERNATIONAL HOLDINGS INC. RETIREMENT PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 GRAFTECH INTERNATIONAL HOLDINGS INC		
		D Employer Identification Number (EIN) 06-1249029

Part I	Asset and Liability Statement		
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.			
Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	0	2600000
(2) Participant contributions	1b(2)		
(3) Other	1b(3)	9574	10007
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)	3433937	2891772
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(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)	76562112	75586759
(10) Value of interest in pooled separate accounts	1c(10)		
(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)		
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)		
(15) Other	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(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	80005623	81088538
Liabilities			
g Benefit claims payable	1g		
h Operating payables	1h	78851	62764
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	78851	62764
Net Assets			
l Net assets (subtract line 1k from line 1f)	1l	79926772	81025774

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)	2600000	
(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)		2600000
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	87121	
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)		
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		87121
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)		
(D) Total dividends. Add lines 2b(2)(A) , (B), and (C)	2b(2)(D)		0
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(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)		8324647
(7) Net investment gain (loss) from pooled separate accounts.....	2b(7)		
(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)		
c Other income	2c		
d Total income. Add all income amounts in column (b) and enter total	2d		11011768

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	8508799	
(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)		8508799
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)		
(4) IQPA audit fees.....	2i(4)		
(5) Investment advisory and investment management fees	2i(5)	160565	
(6) Bank or trust company trustee/custodial fees	2i(6)		
(7) Actuarial fees	2i(7)	184613	
(8) Legal fees	2i(8)		
(9) Valuation/appraisal fees	2i(9)		
(10) Other trustee fees and expenses	2i(10)		
(11) Other expenses	2i(11)	1058789	
(12) Total administrative expenses. Add lines 2i(1) through (11)	2i(12)		1403967
j Total expenses. Add all expense amounts in column (b) and enter total	2j		9912766

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		1099002
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: **MEADEN & MOORE**

(2) EIN: **34-1818258**

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.)		☒	
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.)		☒	
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.)		☒	
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.)		☒	
e Was this plan covered by a fidelity bond?	☒		1000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		☒	
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?		☒	
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?		☒	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	☒		
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.)	☒		
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		☒	
l Has the plan failed to provide any benefit when due under the plan?		☒	
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 519339.

<div>SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</div>	<div>Retirement Plan Information</div> <div>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).</div> <div>▶ File as an attachment to Form 5500.</div>	<div>OMB No. 1210-0110</div> <div>2023</div> <div>This Form is Open to Public Inspection.</div>
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For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023

<div>A Name of plan GRAFTECH INTERNATIONAL HOLDINGS INC. RETIREMENT PLAN</div>	<div>B Three-digit plan number (PN) ▶ 001</div>
<div>C Plan sponsor's name as shown on line 2a of Form 5500 GRAFTECH INTERNATIONAL HOLDINGS INC</div>	<div>D Employer Identification Number (EIN) 06-1249029</div>

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

<div>1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....</div>	<div>1</div>	<div>0</div>
<div>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): _____ Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.</div>		
<div>3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year</div>	<div>3</div>	<div>6</div>

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.)
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<div>4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)?</div>	<div>☐ Yes</div>	<div>☒ No</div>	<div>☐ N/A</div>
<div>If the plan is a defined benefit plan, go to line 8.</div>			
<div>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.</div>			
<div>6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)</div>	<div>6a</div>		
<div>b Enter the amount contributed by the employer to the plan for this plan year</div>	<div>6b</div>		
<div>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)</div>	<div>6c</div>		
<div>If you completed line 6c, skip lines 8 and 9.</div>			
<div>7 Will the minimum funding amount reported on line 6c be met by the funding deadline?</div>	<div>☐ Yes</div>	<div>☐ No</div>	<div>☐ N/A</div>
<div>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?</div>	<div>☐ Yes</div>	<div>☒ No</div>	<div>☐ N/A</div>

Part III	Amendments
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<div>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.</div>	<div>☐ Increase</div>	<div>☐ Decrease</div>	<div>☐ Both</div>	<div>☒ No</div>
---	--	--	--	---

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.
---------	--

<div>10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?</div>	<div>☐ Yes</div>	<div>☐ No</div>
<div>11 a Does the ESOP hold any preferred stock?</div>	<div>☐ Yes</div>	<div>☐ No</div>
<div>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.)</div>	<div>☐ Yes</div>	<div>☐ No</div>
<div>12 Does the ESOP hold any stock that is not readily tradable on an established securities market?</div>	<div>☐ Yes</div>	<div>☐ No</div>

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

Schedule R (Form 5500) 2023
v. 230707

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: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment) b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment) c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14a 14b 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 b The corresponding number for the second preceding plan year	15a 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 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	16a 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
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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: <u>15.4</u> % Private Equity: _____ % Investment-Grade Debt and Interest Rate Hedging Assets: <u>79.0</u> % High-Yield Debt: <u>5.6</u> % Real Assets: _____ % Cash or Cash Equivalents: _____ % Other: _____ % 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
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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 _____.	
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Financial Statements and Report of Independent
Certified Public Accountants

GrafTech International Holdings, Inc.
Retirement Plan

December 31, 2023 and 2022

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INDEPENDENT AUDITOR'S REPORT

Administrative Committee
GrafTech International Holdings, Inc. Retirement Plan
Brooklyn Heights, Ohio

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

We have performed an audit of the financial statements of GrafTech International Holdings, Inc. Retirement 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) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statement of net assets available for benefits as of December 31, 2023 and 2022, and the related statement of changes in net assets available for benefits for the years then ended, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audit of the 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 audit 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 a qualified institution, The Bank of New York Mellon/BNY Mellon, N/A., as of and for the years ended December 31, 2023 and 2022, stating that the certified investment information, as described in Note 6 to the financial statements, is complete and accurate.

Opinion

In our opinion, based on our audit and on the procedures performed as described in the Auditor's Responsibilities for the Audit of the Financial Statements section:

- the amounts and disclosures in the accompanying financial statements, 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 accompanying financial statements 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 audit in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit 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 audit. 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) audit 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 that the financial statements are 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.

Auditor's Responsibilities for the Audit of the Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit 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 GAAS 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 GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- 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 audit 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 internal controls. 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 audit 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 audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Other Matter - Supplemental Schedules Required by ERISA

The supplemental Schedule of Assets Held at End of Year and Schedule of Reportable Transactions, 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 audit 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 GAAS. 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, are 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).

Meaden & Moore, Ltd.

Meaden & Moore, Ltd.
Cleveland, Ohio

October 4, 2024

GRAFTECH INTERNATIONAL HOLDINGS, INC. RETIREMENT PLAN
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS

	As of December 31,	
	2023	2022
Assets:		
Investments, at fair value:		
Collective trust funds	\$ 75,586,759	\$ 76,562,112
Cash, non-interest bearing	2,891,772	3,433,937
Employer contribution receivable	2,600,000	—
Interest receivable	10,007	9,574
Total assets	81,088,538	80,005,623
Liabilities:		
Accrued expenses	62,764	78,851
Net assets available for benefits	<u>\$ 81,025,774</u>	<u>\$ 79,926,772</u>

See accompanying notes

GRAFTECH INTERNATIONAL HOLDINGS INC. RETIREMENT PLAN
STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS

	Year Ended December 31,	
	2023	2022
Additions:		
Employer contributions	\$ 2,600,000	\$ —
Investment income (loss):		
Net appreciation (depreciation) in fair value of collective trust funds	\$ 8,324,647	\$ (20,266,750)
Interest and dividends	87,121	30,471
Total investment income (loss)	8,411,768	(20,236,279)
Deductions:		
Benefits paid to participants	8,508,799	8,503,674
Administrative expenses	1,403,967	1,212,832
Total Deductions	9,912,766	9,716,506
Net increase (decrease)	1,099,002	(29,952,785)
Net assets available for benefits:		
Beginning of year	79,926,772	109,879,557
End of year	<u>\$ 81,025,774</u>	<u>\$ 79,926,772</u>

See accompanying notes

GRAFTECH INTERNATIONAL HOLDINGS, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2023 and 2022

NOTE 1 - PLAN DESCRIPTION

The following brief description of the GrafTech International Holdings, Inc. Retirement Plan (Plan) is provided for general information purposes only. Participants should refer to the Plan document for more complete information.

General - The Plan is a non-contributory defined benefit pension plan covering substantially all domestic employees of GrafTech International Holdings, Inc. (Company) hired prior to January 1, 2002 as well as certain collectively bargained employees hired after that date. It is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended (ERISA). Effective January 1, 2015, the Plan was amended and restated to comply with updates to applicable tax regulations.

The Company is a wholly owned subsidiary of GrafTech International Ltd. (GTI) through which the Company conducts most of its United States operations. GTI is a publicly traded entity (NYSE: EAF).

Funding policy - The Company's funding policy is to make contributions to the Plan in amounts not less than the minimum funding requirements of ERISA and not more than the maximum tax-deductible amount permitted by the Internal Revenue Code (the Code). In accordance with this policy, \$2,600,000 of Company contributions were required for 2023, all of which were made in 2024. The Company was not required to make and did not make any contributions for 2022. The Company's contributions for 2023 and 2022 met the minimum funding requirements of ERISA.

Pension benefits - Employees with 5 or more years of credited service are entitled to pension benefits beginning at normal retirement age (65) primarily based upon final average earnings and years of credited service through the applicable date the Plan was frozen. The Plan permits early retirement at age 50 with 10 or more years of credited service. Employees with years of credited service plus age totaling 85 or employees at age 62 with 10 or more years of credited service are entitled to unreduced early retirement benefits. Employees may elect to receive their pension benefits in the form of a joint and survivor annuity or other contingent annuities.

On January 1, 2002 the Plan became frozen to new entrants. On March 31, 2003 the credited service for the grandfathered group (participants who were age 40 or older with at least five years of credited service on January 1, 2002) was frozen. On April 30, 2003, the credited service for the Columbia, TN location of the Union group was frozen. On July 31, 2003, the credited service for the Lawrenceburg, TN location of the Union group was frozen. On August 1, 2004, the credited service for the Clarksburg, WV location of the Union group was frozen. The Plan is now frozen for all employees. The Plan will remain in existence as long as necessary to pay benefits.

Death and disability benefits - If an active employee with at least five years of credited service dies at age 50 or older, a survivor benefit equal to 50% of the value of the employee's accumulated pension benefits is paid to the employee's beneficiary on the first of the month following the employee's date of death. If an active employee with at least five years of credited service dies under age 50, a survivor benefit equal to 50% of the value of the employee's accumulated pension benefits is paid to the employee's beneficiary on the first of the month that the employee would have been eligible to retire.

GRAFTECH INTERNATIONAL HOLDINGS, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2023 and 2022

NOTE 2 - SUMMARY OF ACCOUNTING POLICIES

The following are the significant accounting policies followed by the Plan:

Basis of Accounting

The accompanying financial statements are prepared on the accrual basis of accounting.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America (GAAP) requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities and changes therein, disclosure of contingent assets and liabilities, and the actuarial present value of accumulated plan benefits at the date of the financial statements, and changes therein. Actual results could differ from those estimated.

Investment Valuation and Income Recognition

The Plan's investments are stated at fair value. Fair value is 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. See Note 3 for a discussion of fair value measurements.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net (depreciation) appreciation includes the Plan's gains and losses on investments bought and sold as well as held during the year.

Actuarial Present Value of Accumulated Plan Benefits

Accumulated plan benefits are those future periodic payments, including lump-sum distributions, attributable under the Plan's provisions to the service employees have rendered. Accumulated plan benefits include benefits expected to be paid to (a) retired or terminated employees or their beneficiaries, (b) beneficiaries of employees who have died, and (c) present employees or their beneficiaries. Benefits under the Plan are based on the average of the highest three calendar years of pensionable wages during the ten-year period preceding the date of retirement, death or termination up to the applicable date that the Plan was frozen. Benefits payable under all circumstances - retirement, death, disability - are included, to the extent they are deemed attributable to employee service rendered through the applicable date that the Plan was frozen.

Payment of Benefits

Benefit payments to participants are recorded upon distribution.

Administrative Expenses

Trustee fees, investment management fees and Pension Benefit Guaranty Corporation (PBGC) premiums are generally paid by the Plan. All other administrative expenses are paid by the Company.

GRAFTECH INTERNATIONAL HOLDINGS, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2023 and 2022

NOTE 3 – FAIR VALUE MEASUREMENTS

The framework for measuring fair value 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) and the lowest priority to unobservable inputs (Level 3). Valuation techniques maximize the use of relevant observable inputs and minimize the use of unobservable inputs. The three levels of the fair value hierarchy under Topic 820 are described as follows:

Level 1: Inputs to the valuation methodology are quoted prices (unadjusted) in active markets for identical assets or liabilities that the Plan can access at the measurement date.

Level 2: Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly, such as:

- Quoted prices for similar assets or liabilities in active markets
- Quoted prices for identical or similar assets or liabilities in inactive markets
- Inputs other than quoted prices that are observable for the asset or liability
- Inputs that are derived principally from or corroborated by observable market data by correlation or other means.

If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

Level 3: Inputs that are unobservable inputs for the asset or liability

There have been no changes in the fair value methodologies used as of December 31, 2023 and 2022. The following is a description of the valuation methodologies used for assets measured at fair value as of December 31, 2023 and 2022.

Collective Trust: The Aon Hewitt Collective Investment Trust (AHCT) is comprised of separate investment funds which were offered through a private placement. The Plan holds units of certain of the Aon Hewitt Collective Investment Trust funds. The units are valued based on the net asset value (NAV) which is based primarily on quoted market prices of the underlying securities of the funds. Certain of the funds' underlying investments include securities for which quoted market prices are not available. Those securities are valued using data obtained by the trustee from the best source available (i.e., brokers, dealers, and /or appraisers) or the market value of similar investments with a readily ascertainable market value.

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

The following table sets forth those investments measured at NAV (the practical expedient).

	<u>As of</u> <u>December 31, 2023</u>	<u>As of</u> <u>December 31, 2022</u>
Aon Hewitt Collective Investment Trust:		
Common Collective Trust	\$ 75,586,759	\$ 76,562,112

GRAFTECH INTERNATIONAL HOLDINGS, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2023 and 2022

There were no unfunded commitments in any funds as of both periods presented. All funds feature daily redemption frequency, a 15 day redemption notice period and no redemption restrictions.

NOTE 4 - PLAN TERMINATION

Although it has not expressed any intention to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions set forth in ERISA.

In the event the Plan terminates, the net assets of the Plan will be allocated following the order of priority established by ERISA and its related regulations.

Certain benefits under the Plan are insured by the PBGC if the Plan terminates. Generally, the PBGC guarantees most vested normal age retirement benefits, early retirement benefits, and certain disability and survivors' pensions. However, the PBGC may not guarantee all types of benefits under the Plan, and the amount of benefit protection is subject to certain limitations. Vested benefits under the Plan are guaranteed at the level in effect on the date of the Plan's termination. However, the amount of benefit protection is subject to certain limitations.

Whether all participants receive their benefits should the Plan terminate at some future time will depend on the sufficiency, at that time, of the Plan's net assets to provide for accumulated benefit obligations, and, may also depend on the financial condition of the Plan Sponsor and the level of benefits guaranteed by the PBGC.

NOTE 5 - ACTUARIAL PRESENT VALUE OF ACCUMULATED PLAN BENEFITS

The actuarial present value of accumulated plan benefits is determined by an actuary from Aon Consulting and is that amount that results from applying actuarial assumptions to adjust the accumulated plan benefits to reflect the time value of money (through discounts for interest) and the probability of payment between the valuation date and the expected date of payment.

The actuarial present value of accumulated plan benefits as of January 1, 2023 was as follows:

Vested Benefits	
Participants currently receiving benefits	\$ 79,185,630
Other participants	12,761,343
	<hr/> 91,946,973
Non-Vested benefits	79,560
Total actuarial present value of accumulated plan benefits	<hr/> <hr/> \$ 92,026,533

GRAFTECH INTERNATIONAL HOLDINGS, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2023 and 2022

The table below outlines changes in the present value of accumulated plan benefits:

Actuarial present value of accumulated plan benefits as of January 1, 2022	\$ 112,761,293
(Decreases) Increases attributed to:	
Benefits paid	(8,503,674)
Change in actuarial assumptions	(16,820,739)
Other changes - benefit accruals	519,081
Interest	4,070,572
	<u>(20,734,760)</u>
Actuarial present value of accumulated plan benefits as of January 1, 2023	<u>\$ 92,026,533</u>

The significant actuarial assumptions used in the above valuations were as follows:

Life expectancy:	Pri-2012 mortality study projected generationally using scale MP-2021 as adjusted to reflect anticipated near-term and long-term endemic effects of COVID-19 (2023) Pri-2012 mortality study projected generationally using scale MP-2021 (2022)
Interest rate:	5.75% (2023) 3.75% (2022)
Assumed retirement age:	Varying from ages 50 to 70, with the weighted average retirement age being 65 (2023 and 2022)

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

NOTE 6 – SUMMARY OF FINANCIAL INFORMATION CERTIFIED BY THE TRUSTEE

The plan administrator has elected the method of compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, The Bank of New York Mellon/BNY Mellon, N.A., as trustee of the Plan has certified to the completeness and accuracy of all investments reflected on the accompanying Statements of Net Assets Available for Benefits, the related investment activity reflected in the Statements of Changes in Net Assets Available for Benefits, and the supplemental schedule. Amounts certified by the trustee have not been subjected to auditing procedures.

NOTE 7 - RELATED PARTY TRANSACTIONS

Certain Plan investments are shares of a collective trust managed by the trustee and, therefore, these transactions qualify as party-in-interest transactions which are exempt from being prohibited transactions. In addition, the Plan has arrangements with various service providers and these arrangements qualify as party in interest transactions.

GRAFTECH INTERNATIONAL HOLDINGS, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2023 and 2022

NOTE 8 - TAX STATUS

The Internal Revenue Service (IRS) has determined and informed the Company by a letter dated October 21, 2015, that the Plan and related trust are designed in accordance with applicable sections of the Code. Once qualified, the Plan is required to operate in conformity with the Code to maintain its qualification. The Plan has been amended since receiving the determination letter. However, the Plan Administrator believes that the Plan is designed and is currently being operated in compliance with the applicable requirements of the Code.

Accounting principles generally accepted in the United States of America require Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the applicable taxing authorities. The Plan Administrator has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2023 and 2022, there were no uncertain positions taken or expected to be taken that would require the recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

NOTE 9 - 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 changes in the values of investment securities will occur in the near term and 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 estimations and assumptions process, it is at least reasonably possible that changes in these estimates and assumptions in the near term would be material to the financial statements.

NOTE 10 – SUBSEQUENT EVENTS

The Plan evaluated its December 31, 2023 financial statements for subsequent events through October 4, 2024, the date the financial statements were available to be issued.

SUPPLEMENTAL SCHEDULE

GRAFTECH INTERNATIONAL HOLDINGS, INC. RETIREMENT PLAN
Schedule H, Line 4(i) - SCHEDULE OF ASSETS (HELD AT END OF YEAR)
EIN # 06-1249029, Plan # 001
December 31, 2023

(a)	(b)	(c)	(d)	(e)
	Identity of issue, borrower, lessor, or similar party	Description of investment, including maturity date, rate of interest collateral, par or maturity value	Cost	Current Value
* Aon Hewitt Collective Investment Trust				
	Aon High Yield Plus Fund - Class 1	Collective Trust	\$ 375,613	\$ 408,806
	Aon Global Equity Fund - Class 1	Collective Trust	1,833,967	3,078,080
	Aon Non-US Equity Fund - Class 1	Collective Trust	2,534,008	3,384,684
	Aon US Long Government Bond Index Fund - Class 1	Collective Trust	354,319	283,962
	Aon US Intermediate Government Bond Index Fund - Class 1	Collective Trust	1,748,878	1,648,303
	Aon Small Cap Equity Index Fund - Class 1	Collective Trust	625,965	828,105
	Aon Large Cap Equity Index Fund - Class 1	Collective Trust	3,244,486	4,823,858
	Aon Long Credit Bond Fund - Class 1	Collective Trust	48,838,141	42,204,195
	Aon Intermediate Credit Bond Fund - Class 1	Collective Trust	16,661,198	16,442,464
	Aon Multi Asset Credit Fund - Class 1	Collective Trust	2,276,445	2,484,302
			<u>\$ 78,493,020</u>	<u>\$ 75,586,759</u>

* Indicates party-in-interest to the Plan

GRAFTECH INTERNATIONAL HOLDINGS, INC. RETIREMENT PLAN
Schedule H, Line 4(j) - SCHEDULE OF REPORTABLE TRANSACTIONS
EIN # 06-1249029, Plan # 001
Year Ended December 31, 2023

(a) Identity of party involved	(b) Description of asset	(c) Purchase price	(d) Selling price	(e) Lease Rental	(f) Expense incurred with transaction	(g) Cost of asset	(h) Current value of asset on transaction date	(i) Net gain
<u>Series of Transactions in excess of 5%</u>								
BNY Mellon	EB TEMP INV FD	\$ —	\$ 9,912,209	\$ —	\$ —	\$ 9,912,209	\$ —	\$ —
BNY Mellon	EB TEMP INV FD	\$ 9,370,044	\$ —	\$ —	\$ —	\$ 9,370,044	\$ 9,370,044	\$ —

Schedule SB Attachment (Form 5500)—2023 Plan Year
 Graftech International Holdings, Inc. Retirement Plan
 EIN: 06-1249029 PN: 001

Schedule SB, line 26a—Schedule of Active Participant Data as of January 1, 2023

Attained Age	Number of Participants Years of Credited Service									
	<1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+
<25										
25-29										
30-34										
35-39										
40-44										
45-49										
50-54										
55-59									1	
60-64						1		2		2
65-69									1	2
70+										

N-9

Schedule SB Attachment (Form 5500)—2023 Plan Year
 Graftech International Holdings, Inc. Retirement Plan
 EIN: 06-1249029 PN: 001

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

Interest Rates for Minimum Funding Purposes	Based on segment rates with a four-month lookback (as of September 2022), each adjusted as needed to fall within the 25-year average interest rate stabilization corridor under ARPA
1st Segment Rate	4.75%
2nd Segment Rate	5.00%
3rd Segment Rate	5.74%
Interest Rates for Maximum Tax Purposes	Based on segment rates with a four-month lookback (as of September 2022), without regard to interest rate stabilization
1st Segment Rate	1.41%
2nd Segment Rate	3.09%
3rd Segment Rate	3.58%
Retirement Age	
Active Participants	See Table 1
Terminated Vested Participants	Age 65
Mortality Rates	
Healthy and Disabled	2023 static mortality table for annuitants and non-annuitants per §1.430(h)(3)-1(a)(3) and IRS Notice 2022-22
Withdrawal Rates	See Table 2
Disability Rates	See Table 3
Decrement Timing	Beginning of year decrements
Surviving Spouse Benefit	It is assumed that 80% of males and 50% of females have an eligible spouse, and that males are three years older than their spouses.
Benefit Limits	Projected benefits and compensation are limited by the current IRC section 415 maximum benefit of \$265,000 and the IRC section 401(a)(17) compensation limit of \$330,000.
Valuation of Plan Assets	Smoothed fair market value of assets over the current and prior two years, adjusted for contributions, benefit payments, administrative expenses, and expected earnings. The average value of assets calculated in this manner is further

Schedule SB Attachment (Form 5500)—2023 Plan Year
Graftech International Holdings, Inc. Retirement Plan
EIN: 06-1249029 PN: 001

limited to not less than 90% nor more than 110% of fair market value.

A characteristic of this method is that the expected distribution of the value of plan assets is skewed toward understatement relative to the corresponding market values for expected long-term rates of return in excess of the third segment rate under IRC section 430(h)(2)(C)(iii).

Expected Return on Assets

2021 Plan Year

3.75%

2022 Plan Year

3.75%

Trust Expenses Included in Target Normal Cost

\$1,457,000

Actuarial Method

Standard unit credit cost method

Valuation Date

January 1, 2023

Schedule SB Attachment (Form 5500)—2023 Plan Year
Graftech International Holdings, Inc. Retirement Plan
EIN: 06-1249029 PN: 001

Table 1

Retirement Rates

Age	Rate
50	3.0%
51	3.0%
52	3.0%
53	3.0%
54	3.0%
55	2.0%
56	2.0%
57	2.0%
58	2.0%
59	7.0%
60	7.0%
61	10.0%
62	15.0%
63	12.0%
64	15.0%
65	50.0%
66	30.0%
67	30.0%
68	30.0%
69	30.0%
70	100.0%

Schedule SB Attachment (Form 5500)—2023 Plan Year
Graftech International Holdings, Inc. Retirement Plan
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Table 2

Withdrawal Rates

Age	Male	Female	Age	Male	Female
15	0.00%	0.00%	45	2.49%	3.26%
16	0.00%	0.00%	46	2.36%	3.12%
17	0.00%	0.00%	47	2.29%	2.98%
18	0.00%	0.00%	48	2.22%	2.91%
19	0.00%	0.00%	49	2.22%	2.81%
20	12.32%	20.79%	50	1.00%	1.00%
21	12.32%	20.79%	51	1.00%	1.00%
22	12.32%	20.79%	52	1.00%	1.00%
23	12.32%	20.79%	53	1.00%	1.00%
24	12.32%	20.79%	54	1.00%	1.00%
25	12.32%	20.79%	55	0.00%	0.00%
26	11.43%	19.13%	56	0.00%	0.00%
27	10.55%	17.52%	57	0.00%	0.00%
28	9.70%	16.09%	58	0.00%	0.00%
29	8.86%	14.75%	59	0.00%	0.00%
30	8.12%	13.59%	60	0.00%	0.00%
31	7.42%	12.40%	61	0.00%	0.00%
32	6.79%	11.23%	62	0.00%	0.00%
33	6.17%	10.12%	63	0.00%	0.00%
34	5.61%	9.01%	64	0.00%	0.00%
35	5.06%	8.04%	65	0.00%	0.00%
36	4.57%	7.28%	66	0.00%	0.00%
37	4.16%	6.58%	67	0.00%	0.00%
38	3.81%	5.89%	68	0.00%	0.00%
39	3.53%	5.27%	69	0.00%	0.00%
40	3.26%	4.71%	70	0.00%	0.00%
41	3.05%	4.30%	71	0.00%	0.00%
42	2.91%	3.95%	72	0.00%	0.00%
43	2.77%	3.67%	73	0.00%	0.00%
44	2.63%	3.47%	74	0.00%	0.00%

Schedule SB Attachment (Form 5500)—2023 Plan Year
Graftech International Holdings, Inc. Retirement Plan
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Table 3

Disability Rates

Age	Male	Female	Age	Male	Female
15	0.000%	0.000%	45	0.132%	0.198%
16	0.000%	0.000%	46	0.147%	0.221%
17	0.000%	0.000%	47	0.166%	0.249%
18	0.080%	0.120%	48	0.187%	0.281%
19	0.080%	0.120%	49	0.210%	0.315%
20	0.080%	0.120%	50	0.238%	0.357%
21	0.080%	0.120%	51	0.270%	0.405%
22	0.080%	0.120%	52	0.309%	0.463%
23	0.080%	0.120%	53	0.349%	0.523%
24	0.080%	0.120%	54	0.395%	0.593%
25	0.080%	0.120%	55	0.454%	0.681%
26	0.080%	0.120%	56	0.527%	0.791%
27	0.080%	0.120%	57	0.620%	0.930%
28	0.080%	0.120%	58	0.740%	1.110%
29	0.080%	0.120%	59	0.840%	1.260%
30	0.080%	0.120%	60	0.920%	1.380%
31	0.081%	0.121%	61	0.981%	1.471%
32	0.081%	0.122%	62	1.028%	1.542%
33	0.083%	0.124%	63	1.065%	1.598%
34	0.084%	0.126%	64	1.093%	1.640%
35	0.085%	0.128%	65	0.000%	0.000%
36	0.087%	0.130%	66	0.000%	0.000%
37	0.089%	0.133%	67	0.000%	0.000%
38	0.091%	0.137%	68	0.000%	0.000%
39	0.095%	0.142%	69	0.000%	0.000%
40	0.098%	0.147%	70	0.000%	0.000%
41	0.102%	0.153%	71	0.000%	0.000%
42	0.106%	0.159%	72	0.000%	0.000%
43	0.113%	0.169%	73	0.000%	0.000%
44	0.122%	0.183%	74	0.000%	0.000%

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 2023 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023	
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.)
	☒ 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:	☒ 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 GRAFTECH INTERNATIONAL HOLDINGS INC. RETIREMENT PLAN	1b Three-digit plan number (PN) ▶ 001
	1c Effective date of plan 02/25/1991
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) GRAFTECH INTERNATIONAL HOLDINGS INC HUMAN RESOURCE DEPARTMENT 982 KEYNOTE CIRCLE BROOKLYN HEIGHTS OH 44131	2b Employer Identification Number (EIN) 06-1249029
	2c Plan Sponsor's telephone number 216-676-2681
	2d Business code (see instructions) 335900

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.

SIGN HERE	<i>Kristen M. Alexa-Kneisel</i>	10/8/24	KRISTEN ALEXA-KNEISEL
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address ☒ 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 1,437
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) 9 6a(2) 9 6b 891 6c 255 6d 1,155 6e 256 6f 1,411 6g(1) 6g(2) 6h 0
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 1I 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) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ 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 _____ (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 2023 Form M-1 annual report. If the plan was not required to file the 2023 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 _____

GRAFTECH INTERNATIONAL HOLDINGS, INC. RETIREMENT PLAN
Schedule H, Line 4(j) - SCHEDULE OF REPORTABLE TRANSACTIONS
EIN # 06-1249029, Plan # 001
Year Ended December 31, 2023

(a) Identity of party involved	(b) Description of asset	(c) Purchase price	(d) Selling price	(e) Lease Rental	(f) Expense incurred with transaction	(g) Cost of asset	(h) Current value of asset on transaction date	(i) Net gain
<u>Series of Transactions in excess of 5%</u>								
BNY Mellon	EB TEMP INV FD	\$ —	\$ 9,912,209	\$ —	\$ —	\$ 9,912,209	\$ —	\$ —
BNY Mellon	EB TEMP INV FD	\$ 9,370,044	\$ —	\$ —	\$ —	\$ 9,370,044	\$ 9,370,044	\$ —

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 2023 This Form is Open to Public Inspection
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For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023

▶ **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 GRAFTECH INTERNATIONAL HOLDINGS INC. RETIREMENT PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF Graftech International Holdings Inc	D Employer Identification Number (EIN) 06-1249029
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500

Part I	Basic Information
1 Enter the valuation date: Month 01 Day 01 Year 2023	
2 Assets:	
a Market value.....	2a 80,007,476
b Actuarial value	2b 88,008,223
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	1,158 84,418,782 84,418,782
b For terminated vested participants.....	270 12,392,516 12,392,516
c For active participants.....	9 1,235,967 1,235,967
d Total	1,437 98,047,265 98,047,265
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 5.11%
6 Target normal cost	
a Present value of current plan year accruals.....	6a 0
b Expected plan-related expenses	6b 1,457,000
c Target normal cost.....	6c 1,457,000

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	KARTHIK BALAJI <i>K.B.</i>	09/26/2024
	Signature of actuary	Date
KARTHIK BALAJI, FSA, EA	Type or print name of actuary	2307905
		Most recent enrollment number
AON CONSULTING, INC.	Firm name	312-381-1000
		Telephone number (including area code)
MSC #17510 P.O. Box 1447		
LINCOLNSHIRE IL 60069	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 ☐

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

Schedule SB (Form 5500) 2023
v. 230728

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)	0	0
9	Amount remaining (line 7 minus line 8)	0	0
10	Interest on line 9 using prior year's actual return of <u>-19.31</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)		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>5.28</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)	0	0

Part III		Funding Percentages	
14	Funding target attainment percentage	14	89.76 %
15	Adjusted funding target attainment percentage	15	89.76 %
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	108.46 %
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	
09/12/2024	2,600,000	0	
		Totals ►	18(b) 2,600,000 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 2,389,183
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:	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px; text-align: center;">1st segment: 4.75 %</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">2nd segment: 5.00 %</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">3rd segment: 5.74 %</div> </div>	☐ N/A, full yield curve used
b	Applicable month (enter code).....		21b 4
22	Weighted average retirement age		22 62
23	Mortality table(s) (see instructions) ☐ Prescribed - combined ☒ Prescribed - separate ☐ 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. ☒ Yes ☐ No		
25	Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment. ☐ Yes ☒ 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.		☒ Yes ☐ No
b	Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment ...		☒ Yes ☐ 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 1,457,000
b	Excess assets, if applicable, but not greater than line 31a		31b 0
32	Amortization installments:		
a	Net shortfall amortization installment	Outstanding Balance 10,039,042	Installment 919,383
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 2,376,383
35	Balances elected for use to offset funding requirement.....	Carryover balance 0	Prefunding balance 0
36	Additional cash requirement (line 34 minus line 35)		36 2,376,383
37	Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)		37 2,389,183
38	Present value of excess contributions for current year (see instructions)		
a	Total (excess, if any, of line 37 over line 36)		38a 12,800
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. ☐ 2019 ☐ 2020 ☐ 2021		

Schedule SB Attachment (Form 5500)—2023 Plan Year
 Graftech International Holdings, Inc. Retirement Plan
 EIN: 06-1249029 PN: 001

Schedule SB, line 19—Discounted Employer Contributions
 Year applied for contributions: 2023

Date	Amount	Days to Discount to 1/1/2023 at 5.11%	Interest Adjusted Contribution
September 12, 2024	\$ 2,600,000	620	\$ 2,389,183
Total Contribution	\$ 2,600,000		\$ 2,389,183

Schedule SB Attachment (Form 5500)—2023 Plan Year
 Graftech International Holdings, Inc. Retirement Plan
 EIN: 06-1249029 PN: 001

Schedule SB, line 22—Description of Weighted Average Retirement Age

The average retirement age shown in line 22 has been calculated by assuming the following retirement rates and no decrements other than retirement for this calculation. All retirements are assumed to occur at beginning of year.

(a) Age	(b) Rate	(c) Weight	(d) Product (a) × (b) × (c)
50	3.00%	1.0000	1.50
51	3.00%	0.9700	1.48
52	3.00%	0.9409	1.47
53	3.00%	0.9127	1.45
54	3.00%	0.8853	1.43
55	2.00%	0.8587	0.94
56	2.00%	0.8416	0.94
57	2.00%	0.8247	0.94
58	2.00%	0.8082	0.94
59	7.00%	0.7921	3.27
60	7.00%	0.7366	3.09
61	10.00%	0.6851	4.18
62	15.00%	0.6166	5.73
63	12.00%	0.5241	3.96
64	15.00%	0.4612	4.43
65	50.00%	0.3920	12.74
66	30.00%	0.1960	3.88
67	30.00%	0.1372	2.76
68	30.00%	0.0960	1.96
69	30.00%	0.0672	1.39
70	100.00%	0.0471	3.29
Weighted Average			61.77

Schedule SB Attachment (Form 5500)—2023 Plan Year
 Graftech International Holdings, Inc. Retirement Plan
 EIN: 06-1249029 PN: 001

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

Interest Rates for Minimum Funding Purposes	Based on segment rates with a four-month lookback (as of September 2022), each adjusted as needed to fall within the 25-year average interest rate stabilization corridor under ARPA
1st Segment Rate	4.75%
2nd Segment Rate	5.00%
3rd Segment Rate	5.74%
Interest Rates for Maximum Tax Purposes	Based on segment rates with a four-month lookback (as of September 2022), without regard to interest rate stabilization
1st Segment Rate	1.41%
2nd Segment Rate	3.09%
3rd Segment Rate	3.58%
Retirement Age	
Active Participants	See Table 1
Terminated Vested Participants	Age 65
Mortality Rates	
Healthy and Disabled	2023 static mortality table for annuitants and non-annuitants per §1.430(h)(3)-1(a)(3) and IRS Notice 2022-22
Withdrawal Rates	See Table 2
Disability Rates	See Table 3
Decrement Timing	Beginning of year decrements
Surviving Spouse Benefit	It is assumed that 80% of males and 50% of females have an eligible spouse, and that males are three years older than their spouses.
Benefit Limits	Projected benefits and compensation are limited by the current IRC section 415 maximum benefit of \$265,000 and the IRC section 401(a)(17) compensation limit of \$330,000.
Valuation of Plan Assets	Smoothed fair market value of assets over the current and prior two years, adjusted for contributions, benefit payments, administrative expenses, and expected earnings. The average value of assets calculated in this manner is further

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limited to not less than 90% nor more than 110% of fair market value.

A characteristic of this method is that the expected distribution of the value of plan assets is skewed toward understatement relative to the corresponding market values for expected long-term rates of return in excess of the third segment rate under IRC section 430(h)(2)(C)(iii).

Expected Return on Assets

2021 Plan Year

3.75%

2022 Plan Year

3.75%

Trust Expenses Included in Target Normal Cost

\$1,457,000

Actuarial Method

Standard unit credit cost method

Valuation Date

January 1, 2023

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Table 1

Retirement Rates

Age	Rate
50	3.0%
51	3.0%
52	3.0%
53	3.0%
54	3.0%
55	2.0%
56	2.0%
57	2.0%
58	2.0%
59	7.0%
60	7.0%
61	10.0%
62	15.0%
63	12.0%
64	15.0%
65	50.0%
66	30.0%
67	30.0%
68	30.0%
69	30.0%
70	100.0%

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Table 2

Withdrawal Rates

Age	Male	Female	Age	Male	Female
15	0.00%	0.00%	45	2.49%	3.26%
16	0.00%	0.00%	46	2.36%	3.12%
17	0.00%	0.00%	47	2.29%	2.98%
18	0.00%	0.00%	48	2.22%	2.91%
19	0.00%	0.00%	49	2.22%	2.81%
20	12.32%	20.79%	50	1.00%	1.00%
21	12.32%	20.79%	51	1.00%	1.00%
22	12.32%	20.79%	52	1.00%	1.00%
23	12.32%	20.79%	53	1.00%	1.00%
24	12.32%	20.79%	54	1.00%	1.00%
25	12.32%	20.79%	55	0.00%	0.00%
26	11.43%	19.13%	56	0.00%	0.00%
27	10.55%	17.52%	57	0.00%	0.00%
28	9.70%	16.09%	58	0.00%	0.00%
29	8.86%	14.75%	59	0.00%	0.00%
30	8.12%	13.59%	60	0.00%	0.00%
31	7.42%	12.40%	61	0.00%	0.00%
32	6.79%	11.23%	62	0.00%	0.00%
33	6.17%	10.12%	63	0.00%	0.00%
34	5.61%	9.01%	64	0.00%	0.00%
35	5.06%	8.04%	65	0.00%	0.00%
36	4.57%	7.28%	66	0.00%	0.00%
37	4.16%	6.58%	67	0.00%	0.00%
38	3.81%	5.89%	68	0.00%	0.00%
39	3.53%	5.27%	69	0.00%	0.00%
40	3.26%	4.71%	70	0.00%	0.00%
41	3.05%	4.30%	71	0.00%	0.00%
42	2.91%	3.95%	72	0.00%	0.00%
43	2.77%	3.67%	73	0.00%	0.00%
44	2.63%	3.47%	74	0.00%	0.00%

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Table 3

Disability Rates

Age	Male	Female	Age	Male	Female
15	0.000%	0.000%	45	0.132%	0.198%
16	0.000%	0.000%	46	0.147%	0.221%
17	0.000%	0.000%	47	0.166%	0.249%
18	0.080%	0.120%	48	0.187%	0.281%
19	0.080%	0.120%	49	0.210%	0.315%
20	0.080%	0.120%	50	0.238%	0.357%
21	0.080%	0.120%	51	0.270%	0.405%
22	0.080%	0.120%	52	0.309%	0.463%
23	0.080%	0.120%	53	0.349%	0.523%
24	0.080%	0.120%	54	0.395%	0.593%
25	0.080%	0.120%	55	0.454%	0.681%
26	0.080%	0.120%	56	0.527%	0.791%
27	0.080%	0.120%	57	0.620%	0.930%
28	0.080%	0.120%	58	0.740%	1.110%
29	0.080%	0.120%	59	0.840%	1.260%
30	0.080%	0.120%	60	0.920%	1.380%
31	0.081%	0.121%	61	0.981%	1.471%
32	0.081%	0.122%	62	1.028%	1.542%
33	0.083%	0.124%	63	1.065%	1.598%
34	0.084%	0.126%	64	1.093%	1.640%
35	0.085%	0.128%	65	0.000%	0.000%
36	0.087%	0.130%	66	0.000%	0.000%
37	0.089%	0.133%	67	0.000%	0.000%
38	0.091%	0.137%	68	0.000%	0.000%
39	0.095%	0.142%	69	0.000%	0.000%
40	0.098%	0.147%	70	0.000%	0.000%
41	0.102%	0.153%	71	0.000%	0.000%
42	0.106%	0.159%	72	0.000%	0.000%
43	0.113%	0.169%	73	0.000%	0.000%
44	0.122%	0.183%	74	0.000%	0.000%

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Schedule SB, Part V—Summary of Plan Provisions

The following summary describes plan provisions assumed in calculating the cost of your pension plan

Effective Date	February 25, 1991
Participation	Date of employment
Covered Employees	All U.S. Employees
Credited Service	Years and months of employment (including service with Union Carbide Corporation).

For benefit accrual purposes: On January 1, 2002, the active population was split into a grandfathered group with credited service continuing until January 1, 2007, a non-grandfathered group where credited service stops as of January 1, 2002, and a Union group that continues to accrue credited service as usual. On March 31, 2003, credited service for the grandfathered group was frozen. On April 30, 2003, the credited service for the Columbia location of the Union group was frozen. On July 31, 2003, the credited service for the Lawrenceburg location of the Union group was frozen.

For other eligibility purposes, including early retirement subsidies, all employment service (including service with Union Carbide Corporation) is considered. In addition, credited service for participants separating from GrafTech due to the divestitures of the Advanced Energy Technologies (AET) and GrafTech Advanced Graphite Materials (GAGM) businesses in 2017 will also include employment service with their respective acquiring companies following the divestiture.

Pensionable Pay	Base pay plus payments awarded under the annual or middle management incentive plans and a portion of Bonus II payments and profit sharing awards (up to 8% of base pay) under the alternative compensation program. Benefits in excess of the section 415 limits are provided under the Benefit Equalization Plan (BEP). The qualified plan does not recognize earnings in excess of \$200,000. Benefits attributable to pay in excess of the IRS pay limit are provided under the Supplemental Retirement Income Plan (SRIP). Benefits attributable to the impact of separate averaging of base and bonus are
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	provided under the Executive Retirement Income Plan (ERIP).
Final Average Monthly Compensation	The average of the highest three calendar years of pensionable pay during the 10-year period next preceding the date of retirement, termination or death. Final 36 months of pensionable earnings are used, if greater. Separate averaging of base and bonus is provided under ERIP.
Normal Retirement	First of month coinciding with or next following the attainment of age 65.
Early Retirement	A participant with 10 or more years of continuous employment and whose age is at least 50 is eligible for early retirement.
Disability Retirement	Disability with 10 years of credited service. Disability must be total and permanent.
Death Retirement	Death with 10 years of credited service.
Vesting Schedule	100% after five years of service.
Normal Retirement Benefit Amount	<p>The normal retirement provided by the plan is the largest of (1), (2) or (3) below, then reduced by (4).</p> <p>(1) 1.2% of average earnings times years of credited service plus \$240.</p> <p>(2) \$72.00 per year for each of the first 10 years of credited service, \$108.00 per year for each of the next 10 years of credited service, and \$144.00 per year for each year of credited service over 20, plus 10% of average earnings reduced by 1% for each year credited service is less than eight years, plus \$144.00.</p> <p>(3) 1.5% of average earnings times years of credited service less the product of:</p> <p>(a) The estimated Social Security benefit based on the law in effect at retirement assumed to commence at the later of retirement or age 62; and</p> <p>(b) A factor of 1.5% times credited service, not greater than 50% of the maximum offset based on IRS integration rules.</p>

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- (4) The benefit accrued under the Union Carbide Corporation Plan for credited service to February 25, 1991 including up to a 6% increase in average earnings to January 31, 1995.

Form of Retirement Income

The monthly pension benefit is payable as a reduced joint and 50% to survivor annuity, if the employee has an eligible spouse. If not, or if the employee so elects, the full formula benefit is payable for life.

Early Retirement Benefit

Annual pension benefit determined as of early retirement date, reduced 5/12 of 1% for each month between the commencement of payment and the date first eligible to receive an unreduced benefit.

If participant has attained age 65 or age 62 with 10 years of credited service, or age 60 with 30 years of credited service, or has attained age 50 and the sum of age plus credited service is at least 85, the benefit is not reduced.

If the earliest date of unreduced retirement is based on the Rule of 85, the number of months of reduction is based on the difference between 85 and sum of age plus credited service on the early retirement date.

Disability Benefit

Annual disability benefit payable upon becoming disabled until attainment of age 65. At age 65, annual accrued pension benefit based on credited service accruing to age 65 if on an approved disability under the LTD plan.

Deferred Vested Benefit

Annual pension benefit determined as of termination date, reduced 6% each of the first three years and 5% for each additional year payments commence prior to NRD.

Survivor Benefit

50% of the annual pension benefit which would have been payable had the employee retired at date of death, but not less than 25% of the annual pension accrued at date of death.

Additional Information The above description is a summary only; for additional details, reference should be made to the formal Plan document.

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Other Information to Fully and Fairly Disclose the Actuarial Position of the Plan

Due to software limitations with the electronic filing process, information filed electronically cannot be controlled by the Enrolled Actuary. The values on the signed Schedule SB will govern to the extent there are any differences in the entries filed electronically and the actual data contained on the signed Schedule SB.

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Graftech International Holdings, Inc. Retirement Plan
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Schedule SB, line 24—Change in Actuarial Assumptions

The funding valuation reflects the following assumption change:

- A change in the assumed expenses paid from the trust from \$1,214,000 to \$1,457,000. This change was made to reflect updated administrative expenses (including updated PBGC premiums for the current year).
- A change in the expected return on plan assets from 3.75% to 5.75% for the 2023 plan year. This change was made to better reflect future anticipated plan asset experience.

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Schedule SB, line 26a—Schedule of Active Participant Data as of January 1, 2023

Attained Age	Number of Participants Years of Credited Service									
	<1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+
<25										
25-29										
30-34										
35-39										
40-44										
45-49										
50-54										
55-59									1	
60-64						1		2		2
65-69									1	2
70+										

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Schedule SB, line 26b—Schedule Projection of Expected Benefit Payments

Plan Year	Active Participants	Terminated Vested Participants	Retired Participants and Beneficiaries Receiving Payments	Total
2023	25,395	298,583	8,505,262	8,829,240
2024	43,697	383,683	8,311,306	8,738,686
2025	66,086	544,367	8,103,308	8,713,761
2026	87,383	699,185	7,887,304	8,673,872
2027	98,751	757,901	7,632,368	8,489,020
2028	103,352	839,845	7,371,842	8,315,039
2029	104,597	886,997	7,086,000	8,077,594
2030	109,374	946,700	6,783,742	7,839,816
2031	108,219	976,945	6,468,602	7,553,766
2032	107,167	994,056	6,137,332	7,238,555
2033	105,160	1,012,812	5,791,634	6,909,606
2034	102,868	1,005,430	5,434,189	6,542,487
2035	100,736	1,029,906	5,068,018	6,198,660
2036	97,715	1,028,912	4,696,407	5,823,034
2037	94,437	1,018,767	4,322,854	5,436,058
2038	90,891	998,927	3,950,991	5,040,809
2039	87,070	978,321	3,584,515	4,649,906
2040	82,969	949,878	3,227,056	4,259,903
2041	78,589	918,763	2,881,995	3,879,347
2042	73,939	884,697	2,552,333	3,510,969
2043	69,038	845,421	2,240,660	3,155,119
2044	63,914	803,056	1,949,145	2,816,115
2045	58,607	758,386	1,679,520	2,496,513
2046	53,174	712,104	1,433,036	2,198,314
2047	47,686	664,065	1,210,384	1,922,135
2048	42,232	614,982	1,011,688	1,668,902
2049	36,908	565,313	836,567	1,438,788
2050	31,813	515,581	684,216	1,231,610
2051	27,034	466,351	553,445	1,046,830
2052	22,643	418,212	442,671	883,526
2053	18,688	371,748	350,272	740,708
2054	15,197	327,484	274,229	616,910
2055	12,177	285,858	212,520	510,555
2056	9,612	247,214	163,138	419,964
2057	7,471	211,784	124,171	343,426
2058	5,719	179,699	93,842	279,260
2059	4,310	151,003	70,552	225,865
2060	3,198	125,645	52,895	181,738
2061	2,336	103,496	39,667	145,499
2062	1,678	84,371	29,820	115,869
2063	1,186	68,044	22,592	91,822
2064	823	54,265	17,387	72,475
2065	561	42,774	13,630	56,965
2066	375	33,301	10,930	44,606

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Plan Year	Active Participants	Terminated Vested Participants	Retired Participants and Beneficiaries Receiving Payments	Total
2067	245	25,588	8,977	34,810
2068	156	19,390	7,610	27,156
2069	98	14,473	6,655	21,226
2070	59	10,635	5,979	16,673
2071	35	7,683	5,485	13,203
2072	20	5,452	5,132	10,604

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Schedule SB, line 32—Schedule of Amortization Bases

Type of Base	Present Value of Installment	Date Established	Years Remaining	Amortization Installment
Shortfall	\$ 10,039,042	January 1, 2023	15	\$ 919,383

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Schedule SB, line 19—Discounted Employer Contributions
Year applied for contributions: 2023

Date	Amount	Days to Discount to 1/1/2023 at 5.11%	Interest Adjusted Contribution
September 12, 2024	\$ 2,600,000	620	\$ 2,389,183
Total Contribution	\$ 2,600,000		\$ 2,389,183

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Schedule SB, line 22—Description of Weighted Average Retirement Age

The average retirement age shown in line 22 has been calculated by assuming the following retirement rates and no decrements other than retirement for this calculation. All retirements are assumed to occur at beginning of year.

(a) Age	(b) Rate	(c) Weight	(d) Product (a) × (b) × (c)
50	3.00%	1.0000	1.50
51	3.00%	0.9700	1.48
52	3.00%	0.9409	1.47
53	3.00%	0.9127	1.45
54	3.00%	0.8853	1.43
55	2.00%	0.8587	0.94
56	2.00%	0.8416	0.94
57	2.00%	0.8247	0.94
58	2.00%	0.8082	0.94
59	7.00%	0.7921	3.27
60	7.00%	0.7366	3.09
61	10.00%	0.6851	4.18
62	15.00%	0.6166	5.73
63	12.00%	0.5241	3.96
64	15.00%	0.4612	4.43
65	50.00%	0.3920	12.74
66	30.00%	0.1960	3.88
67	30.00%	0.1372	2.76
68	30.00%	0.0960	1.96
69	30.00%	0.0672	1.39
70	100.00%	0.0471	3.29
Weighted Average			61.77

Schedule SB Attachment (Form 5500)—2023 Plan Year
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Schedule SB, line 26b—Schedule Projection of Expected Benefit Payments

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2024	43,697	383,683	8,311,306	8,738,686
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2027	98,751	757,901	7,632,368	8,489,020
2028	103,352	839,845	7,371,842	8,315,039
2029	104,597	886,997	7,086,000	8,077,594
2030	109,374	946,700	6,783,742	7,839,816
2031	108,219	976,945	6,468,602	7,553,766
2032	107,167	994,056	6,137,332	7,238,555
2033	105,160	1,012,812	5,791,634	6,909,606
2034	102,868	1,005,430	5,434,189	6,542,487
2035	100,736	1,029,906	5,068,018	6,198,660
2036	97,715	1,028,912	4,696,407	5,823,034
2037	94,437	1,018,767	4,322,854	5,436,058
2038	90,891	998,927	3,950,991	5,040,809
2039	87,070	978,321	3,584,515	4,649,906
2040	82,969	949,878	3,227,056	4,259,903
2041	78,589	918,763	2,881,995	3,879,347
2042	73,939	884,697	2,552,333	3,510,969
2043	69,038	845,421	2,240,660	3,155,119
2044	63,914	803,056	1,949,145	2,816,115
2045	58,607	758,386	1,679,520	2,496,513
2046	53,174	712,104	1,433,036	2,198,314
2047	47,686	664,065	1,210,384	1,922,135
2048	42,232	614,982	1,011,688	1,668,902
2049	36,908	565,313	836,567	1,438,788
2050	31,813	515,581	684,216	1,231,610
2051	27,034	466,351	553,445	1,046,830
2052	22,643	418,212	442,671	883,526
2053	18,688	371,748	350,272	740,708
2054	15,197	327,484	274,229	616,910
2055	12,177	285,858	212,520	510,555
2056	9,612	247,214	163,138	419,964
2057	7,471	211,784	124,171	343,426
2058	5,719	179,699	93,842	279,260
2059	4,310	151,003	70,552	225,865
2060	3,198	125,645	52,895	181,738
2061	2,336	103,496	39,667	145,499
2062	1,678	84,371	29,820	115,869
2063	1,186	68,044	22,592	91,822
2064	823	54,265	17,387	72,475
2065	561	42,774	13,630	56,965
2066	375	33,301	10,930	44,606

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Plan Year	Active Participants	Terminated Vested Participants	Retired Participants and Beneficiaries Receiving Payments	Total
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2069	98	14,473	6,655	21,226
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2071	35	7,683	5,485	13,203
2072	20	5,452	5,132	10,604

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Schedule SB, Part V—Summary of Plan Provisions

The following summary describes plan provisions assumed in calculating the cost of your pension plan

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Covered Employees	All U.S. Employees
Credited Service	Years and months of employment (including service with Union Carbide Corporation).

For benefit accrual purposes: On January 1, 2002, the active population was split into a grandfathered group with credited service continuing until January 1, 2007, a non-grandfathered group where credited service stops as of January 1, 2002, and a Union group that continues to accrue credited service as usual. On March 31, 2003, credited service for the grandfathered group was frozen. On April 30, 2003, the credited service for the Columbia location of the Union group was frozen. On July 31, 2003, the credited service for the Lawrenceburg location of the Union group was frozen.

For other eligibility purposes, including early retirement subsidies, all employment service (including service with Union Carbide Corporation) is considered. In addition, credited service for participants separating from GrafTech due to the divestitures of the Advanced Energy Technologies (AET) and GrafTech Advanced Graphite Materials (GAGM) businesses in 2017 will also include employment service with their respective acquiring companies following the divestiture.

Pensionable Pay	Base pay plus payments awarded under the annual or middle management incentive plans and a portion of Bonus II payments and profit sharing awards (up to 8% of base pay) under the alternative compensation program. Benefits in excess of the section 415 limits are provided under the Benefit Equalization Plan (BEP). The qualified plan does not recognize earnings in excess of \$200,000. Benefits attributable to pay in excess of the IRS pay limit are provided under the Supplemental Retirement Income Plan (SRIP). Benefits attributable to the impact of separate averaging of base and bonus are
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	provided under the Executive Retirement Income Plan (ERIP).
Final Average Monthly Compensation	The average of the highest three calendar years of pensionable pay during the 10-year period next preceding the date of retirement, termination or death. Final 36 months of pensionable earnings are used, if greater. Separate averaging of base and bonus is provided under ERIP.
Normal Retirement	First of month coinciding with or next following the attainment of age 65.
Early Retirement	A participant with 10 or more years of continuous employment and whose age is at least 50 is eligible for early retirement.
Disability Retirement	Disability with 10 years of credited service. Disability must be total and permanent.
Death Retirement	Death with 10 years of credited service.
Vesting Schedule	100% after five years of service.
Normal Retirement Benefit Amount	<p>The normal retirement provided by the plan is the largest of (1), (2) or (3) below, then reduced by (4).</p> <p>(1) 1.2% of average earnings times years of credited service plus \$240.</p> <p>(2) \$72.00 per year for each of the first 10 years of credited service, \$108.00 per year for each of the next 10 years of credited service, and \$144.00 per year for each year of credited service over 20, plus 10% of average earnings reduced by 1% for each year credited service is less than eight years, plus \$144.00.</p> <p>(3) 1.5% of average earnings times years of credited service less the product of:</p> <p>(a) The estimated Social Security benefit based on the law in effect at retirement assumed to commence at the later of retirement or age 62; and</p> <p>(b) A factor of 1.5% times credited service, not greater than 50% of the maximum offset based on IRS integration rules.</p>

Schedule SB Attachment (Form 5500)—2023 Plan Year
Graftech International Holdings, Inc. Retirement Plan
EIN: 06-1249029 PN: 001

- (4) The benefit accrued under the Union Carbide Corporation Plan for credited service to February 25, 1991 including up to a 6% increase in average earnings to January 31, 1995.

Form of Retirement Income

The monthly pension benefit is payable as a reduced joint and 50% to survivor annuity, if the employee has an eligible spouse. If not, or if the employee so elects, the full formula benefit is payable for life.

Early Retirement Benefit

Annual pension benefit determined as of early retirement date, reduced 5/12 of 1% for each month between the commencement of payment and the date first eligible to receive an unreduced benefit.

If participant has attained age 65 or age 62 with 10 years of credited service, or age 60 with 30 years of credited service, or has attained age 50 and the sum of age plus credited service is at least 85, the benefit is not reduced.

If the earliest date of unreduced retirement is based on the Rule of 85, the number of months of reduction is based on the difference between 85 and sum of age plus credited service on the early retirement date.

Disability Benefit

Annual disability benefit payable upon becoming disabled until attainment of age 65. At age 65, annual accrued pension benefit based on credited service accruing to age 65 if on an approved disability under the LTD plan.

Deferred Vested Benefit

Annual pension benefit determined as of termination date, reduced 6% each of the first three years and 5% for each additional year payments commence prior to NRD.

Survivor Benefit

50% of the annual pension benefit which would have been payable had the employee retired at date of death, but not less than 25% of the annual pension accrued at date of death.

Additional Information The above description is a summary only; for additional details, reference should be made to the formal Plan document.

Schedule SB Attachment (Form 5500)—2023 Plan Year
Graftech International Holdings, Inc. Retirement Plan
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Other Information to Fully and Fairly Disclose the Actuarial Position of the Plan

Due to software limitations with the electronic filing process, information filed electronically cannot be controlled by the Enrolled Actuary. The values on the signed Schedule SB will govern to the extent there are any differences in the entries filed electronically and the actual data contained on the signed Schedule SB.

GRAFTECH INTERNATIONAL HOLDINGS, INC. RETIREMENT PLAN
Schedule H, Line 4(i) - SCHEDULE OF ASSETS (HELD AT END OF YEAR)
EIN # 06-1249029, Plan # 001
December 31, 2023

(a)	(b)	(c)	(d)	(e)
	Identity of issue, borrower, lessor, or similar party	Description of investment, including maturity date, rate of interest collateral, par or maturity value	Cost	Current Value
	* Aon Hewitt Collective Investment Trust			
	Aon High Yield Plus Fund - Class 1	Collective Trust	\$ 375,613	\$ 408,806
	Aon Global Equity Fund - Class 1	Collective Trust	1,833,967	3,078,080
	Aon Non-US Equity Fund - Class 1	Collective Trust	2,534,008	3,384,684
	Aon US Long Government Bond Index Fund - Class 1	Collective Trust	354,319	283,962
	Aon US Intermediate Government Bond Index Fund - Class 1	Collective Trust	1,748,878	1,648,303
	Aon Small Cap Equity Index Fund - Class 1	Collective Trust	625,965	828,105
	Aon Large Cap Equity Index Fund - Class 1	Collective Trust	3,244,486	4,823,858
	Aon Long Credit Bond Fund - Class 1	Collective Trust	48,838,141	42,204,195
	Aon Intermediate Credit Bond Fund - Class 1	Collective Trust	16,661,198	16,442,464
	Aon Multi Asset Credit Fund - Class 1	Collective Trust	2,276,445	2,484,302
			<u>\$ 78,493,020</u>	<u>\$ 75,586,759</u>

* Indicates party-in-interest to the Plan

Schedule SB Attachment (Form 5500)—2023 Plan Year
Graftech International Holdings, Inc. Retirement Plan
EIN: 06-1249029 PN: 001

Schedule SB, line 32—Schedule of Amortization Bases

Type of Base	Present Value of Installment	Date Established	Years Remaining	Amortization Installment
Shortfall	\$ 10,039,042	January 1, 2023	15	\$ 919,383

Schedule SB Attachment (Form 5500)—2023 Plan Year
Graftech International Holdings, Inc. Retirement Plan
EIN: 06-1249029 PN: 001

Schedule SB, line 24—Change in Actuarial Assumptions

The funding valuation reflects the following assumption change:

- A change in the assumed expenses paid from the trust from \$1,214,000 to \$1,457,000. This change was made to reflect updated administrative expenses (including updated PBGC premiums for the current year).
- A change in the expected return on plan assets from 3.75% to 5.75% for the 2023 plan year. This change was made to better reflect future anticipated plan asset experience.