

<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>2022</div> <div>This Form is Open to Public Inspection</div>
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Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A	This return/report is for: <div>☐ a multiemployer plan</div> <div>☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)</div> <div>☒ a single-employer plan</div> <div>☐ a DFE (specify) _____</div>
B	This return/report is: <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>
C	If the plan is a collectively-bargained plan, check here. ▶ ☐
D	Check box if filing under: <div>☒ Form 5558</div> <div>☐ automatic extension</div> <div>☐ the DFVC program</div> <div>☐ special extension (enter description)</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.	10/09/2023	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

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

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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		<div style="display: flex; justify-content: space-between;"> 5 1475 </div>
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		<div style="display: flex; justify-content: space-between;"> 6a(1) 14 </div>
a(2) Total number of active participants at the end of the plan year		<div style="display: flex; justify-content: space-between;"> 6a(2) 9 </div>
b Retired or separated participants receiving benefits		<div style="display: flex; justify-content: space-between;"> 6b 913 </div>
c Other retired or separated participants entitled to future benefits.....		<div style="display: flex; justify-content: space-between;"> 6c 270 </div>
d Subtotal. Add lines 6a(2) , 6b , and 6c		<div style="display: flex; justify-content: space-between;"> 6d 1192 </div>
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		<div style="display: flex; justify-content: space-between;"> 6e 245 </div>
f Total. Add lines 6d and 6e		<div style="display: flex; justify-content: space-between;"> 6f 1437 </div>
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....		<div style="display: flex; justify-content: space-between;"> 6g </div>
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		<div style="display: flex; justify-content: space-between;"> 6h 0 </div>
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)		<div style="display: flex; justify-content: space-between;"> 7 </div>
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		b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☐ 0 A (Insurance Information) (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 2022 Form M-1 annual report. If the plan was not required to file the 2022 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 _____

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 2022 This Form is Open to Public Inspection
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

▶ **Round off amounts to nearest dollar.**

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

A Name of plan <u>GRAFTECH INTERNATIONAL HOLDINGS INC. RETIREMENT PLAN</u>	B Three-digit plan number (PN) ▶ <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>GRAFTECH INTERNATIONAL HOLDINGS INC</u>	D Employer Identification Number (EIN) <u>06-1249029</u>
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 <u>01</u> Day <u>01</u> Year <u>2022</u>	
2 Assets:	
a Market value.....	2a <u>109960541</u>
b Actuarial value	2b <u>108157621</u>
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	<u>1180</u> <u>85180041</u> <u>85180041</u>
b For terminated vested participants.....	<u>281</u> <u>12293973</u> <u>12293973</u>
c For active participants.....	<u>14</u> <u>2243504</u> <u>2243573</u>
d Total	<u>1475</u> <u>99717518</u> <u>99717587</u>
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 <u>5.28 %</u>
6 Target normal cost	
a Present value of current plan year accruals.....	6a <u>0</u>
b Expected plan-related expenses	6b <u>1214000</u>
c Total (line 6a + line 6b)	6c <u>1214000</u>

Statement by Enrolled Actuary

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

SIGN HERE		<u>10/06/2023</u>
	Signature of actuary	Date
<u>KARTHIK BALAJI, FSA, EA</u>	Type or print name of actuary	<u>23-07905</u>
		Most recent enrollment number
<u>AON CONSULTING, INC.</u>	Firm name	<u>312-381-1000</u>
		Telephone number (including area code)
<u>MSC #17510 P.O. BOX 1447</u> <u>LINCOLNSHIRE, IL 60069</u>	Address of the firm	

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

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

Schedule SB (Form 5500) 2022
v. 220413

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>2.12</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).....		447195
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>5.45</u> %.....		24372
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.....		471567
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	108.46 %
15 Adjusted funding target attainment percentage	15	108.46 %
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	103.85 %
17 If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage.	17	%

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

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

Part V Assumptions Used to Determine Funding Target and Target Normal Cost**21** Discount rate:**a** Segment rates:1st segment:
4.75 %2nd segment:
5.18 %3rd segment:
5.92 %☐ 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**

1214000

b Excess assets, if applicable, but not greater than line 31a**31b**

1214000

32 Amortization installments:**a** Net shortfall amortization installment

0

0

b Waiver amortization installment

0

0

33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount**33****34** Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)....**34**

0

35 Balances elected for use to offset funding requirement.....

0

0

0

36 Additional cash requirement (line 34 minus line 35)**36**

0

37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)**37**

0

38 Present value of excess contributions for current year (see instructions)**a** Total (excess, if any, of line 37 over line 36)**38a**

0

b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances**38b**

0

39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)**39**

0

40 Unpaid minimum required contributions for all years.....**40**

0

Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)**41** If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. ☐ 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
		2022
		This Form is Open to Public Inspection.

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
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 HEWITT GROUP TRUST
27-2436452

(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 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	203427	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(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	178586	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:

SCHEDULE D (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small>	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110 <div style="text-align: center; font-size: 1.2em; font-weight: bold;">2022</div> This Form is Open to Public Inspection.
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan GRAFTECH INTERNATIONAL HOLDINGS INC. RETIREMENT PLAN	B Three-digit plan number (PN) ►	001
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	

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)		
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) 411822	
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) 3030151	
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) 3527030	
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) 425085	
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) 1928134	
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) 701290	
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) 4836935	

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) 40344920
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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) 18876223
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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) 2480522
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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)
-----------------	----------------------	---

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)**

(Complete as many entries as needed to report all participating plans)

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

SCHEDULE H (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>		
A Name of plan <u>GRAFTECH INTERNATIONAL HOLDINGS INC. RETIREMENT PLAN</u>	B Three-digit plan number (PN) ►	<u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>GRAFTECH INTERNATIONAL HOLDINGS INC</u>	D Employer Identification Number (EIN) <u>06-1249029</u>	

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)	
(2) Participant contributions.....		1b(2)	
(3) Other.....		1b(3)	18
c General investments:			9574
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....		1c(1)	2081661
(2) U.S. Government securities		1c(2)	3433937
(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)	107878862
(10) Value of interest in pooled separate accounts		1c(10)	76562112
(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	109960541	80005623

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h	80984	78851
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	80984	78851

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	109879557	79926772
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Part II Income and Expense Statement

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

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)		
(B) Participants	2a(1)(B)		
(C) Others (including rollovers)	2a(1)(C)		
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		0
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	30471	
(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)		30471
(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)		0
(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)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		-20266750
(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		-20236279
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	8503674	
(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)		8503674
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)	178586	
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)	203427	
(4) Other	2i(4)	830819	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		1212832
j Total expenses. Add all expense amounts in column (b) and enter total	2j		9716506
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-29952785
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** because:

(1) ☐ This form is filed for a CCT, PSA, 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.

During the plan year:

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.)

	Yes	No	Amount
4a		X	

	Yes	No	Amount
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.)			
4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)			
4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)			
4d		X	
e Was this plan covered by a fidelity bond?	X		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?		X	
4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)	X		
4j	X		
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		X	
4k		X	
l Has the plan failed to provide any benefit when due under the plan?		X	
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
4m			
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.			
4n			

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 480399.

<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>2022</div> <div>This Form is Open to Public Inspection.</div>
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
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	Distributions	
All references to distributions relate only to payments of benefits during the plan year.		
1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....		1 0
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): _____ Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....		3 3
Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)	
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ☐ Yes ☒ No ☐ N/A If the plan is a defined benefit plan, go to line 8.		
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived).....		6a
b Enter the amount contributed by the employer to the plan for this plan year.....		6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....		6c
If you completed line 6c, skip lines 8 and 9.		
7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ☐ Yes ☐ No ☐ N/A		
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ☐ Yes ☒ No ☐ N/A		
Part III	Amendments	
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box..... ☐ Increase ☐ Decrease ☐ Both ☒ No		
Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.	
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?..... ☐ Yes ☐ No		
11 a Does the ESOP hold any preferred stock?..... ☐ Yes ☐ No		
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)..... ☐ Yes ☐ No		
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?..... ☐ Yes ☐ No		
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2022 v. 220413		

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).....	14a	
	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)	14b	
	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)	14c	
15	Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:		
	a The corresponding number for the plan year immediately preceding the current plan year.....	15a	
	b The corresponding number for the second preceding plan year.....	15b	
16	Information with respect to any employers who withdrew from the plan during the preceding plan year:		
	a Enter the number of employers who withdrew during the preceding plan year	16a	
	b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers.....	16b	
17	If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐		

Part VI	Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans
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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	<p>If the total number of participants is 1,000 or more, complete lines (a) through (c)</p> <p>a Enter the percentage of plan assets held as: Stock: <u>16.0</u> % Investment-Grade Debt: <u>72.9</u> % High-Yield Debt: <u>9.2</u> % Real Estate: <u>0.0</u> % Other: <u>1.9</u> %</p> <p>b Provide the average duration of the combined investment-grade and high-yield debt: ☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☒ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more</p> <p>c What duration measure was used to calculate line 19(b)? ☒ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify):</p>
20	<p>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.</p> <p>a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☒ No</p> <p>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:</p> <p>☐ Yes.</p> <p>☐ 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.</p> <p>☐ 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.</p> <p>☐ No. Other. Provide explanation _____</p>

Financial Statements and Report of Independent
Certified Public Accountants

GrafTech International Holdings, Inc.
Retirement Plan

December 31, 2022 and 2021

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MEADEN & MOORE

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, 2022 and 2021, 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, 2022 and 2021, 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, 2023

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

	As of December 31,	
	2022	2021
Assets:		
Investments, at fair value:		
Collective trust funds	\$ 76,562,112	\$ 107,878,862
Cash, non-interest bearing	3,433,937	2,081,661
Interest receivable	9,574	18
Total assets	80,005,623	109,960,541
Liabilities:		
Accrued expenses	78,851	80,984
Net assets available for benefits	<u>\$ 79,926,772</u>	<u>\$ 109,879,557</u>

See accompanying notes

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

	Year Ended December 31,	
	2022	2021
Additions:		
Employer contributions	\$ —	\$ 466,250
Investment (loss) income:		
Net (depreciation) appreciation in fair value of collective trust funds	(20,266,750)	2,372,533
Interest and dividends	30,471	117
Total investment (loss) income	(20,236,279)	2,372,650
Deductions:		
Benefits paid to participants	8,503,674	8,543,670
Administrative expenses	1,212,832	1,377,091
Total Deductions	9,716,506	9,920,761
Net decrease	(29,952,785)	(7,081,861)
Net assets available for benefits:		
Beginning of year	109,879,557	116,961,418
End of year	<u>\$ 79,926,772</u>	<u>\$ 109,879,557</u>

See accompanying notes

GRAFTECH INTERNATIONAL HOLDINGS, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2022 and 2021

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 funding policy, the Company was not required to make and did not make any contributions in 2022. Company contributions totaled \$466,250 for 2021, all of which were contributed in 2021. The Company's contributions for 2021 met or exceeded 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, 2022 and 2021

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, 2022 and 2021

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, 2022 and 2021. The following is a description of the valuation methodologies used for assets measured at fair value as of December 31, 2022 and 2021.

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, 2022</u>	<u>As of</u> <u>December 31, 2021</u>
Aon Hewitt Collective Investment Trust:		
Common Collective Trust	\$ 76,562,112	\$ 107,878,862

GRAFTECH INTERNATIONAL HOLDINGS, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2022 and 2021

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, 2022 was as follows:

Vested Benefits	
Participants currently receiving benefits	\$ 94,662,627
Other participants	17,973,412
	<hr/> 112,636,039
Non-Vested benefits	125,254
Total actuarial present value of accumulated plan benefits	<hr/> <hr/> \$ 112,761,293

GRAFTECH INTERNATIONAL HOLDINGS, INC. RETIREMENT PLAN
NOTES TO FINANCIAL STATEMENTS
December 31, 2022 and 2021

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

Actuarial present value of accumulated plan benefits as of January 1, 2021	\$ 117,904,650
Increases (decreases) attributed to:	
Benefits paid	(8,543,672)
Change in actuarial assumptions	354,386
Other changes - benefit accruals	(1,216,776)
Interest	4,262,705
	<u>(5,143,357)</u>
Actuarial present value of accumulated plan benefits as of January 1, 2022	<u>\$ 112,761,293</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 (2022) Pri-2012 mortality study projected generationally using scale MP-2020 (2021)
Interest rate:	3.75% (2022 and 2021)
Assumed retirement age:	Varying from ages 50 to 70, with the weighted average retirement age being 65 (2022 and 2021)

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, 2022 and 2021

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, 2022 and 2021, 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, 2022 financial statements for subsequent events through October 4, 2023, 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, 2022

(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	\$ 425,000	\$ 411,822
	Aon Global Equity Fund - Class 1	Collective Trust	2,268,440	3,030,151
	Aon Non-US Equity Fund - Class 1	Collective Trust	3,146,577	3,527,030
	Aon US Long Government Bond Index Fund - Class 1	Collective Trust	581,810	425,085
	Aon US Intermediate Government Bond Index Fund - Class 1	Collective Trust	2,134,139	1,928,134
	Aon Small Cap Equity Index Fund - Class 1	Collective Trust	662,384	701,290
	Aon Large Cap Equity Index Fund - Class 1	Collective Trust	4,109,989	4,836,935
	Aon Long Credit Bond Fund - Class 1	Collective Trust	51,699,534	40,344,920
	Aon Intermediate Credit Bond Fund - Class 1	Collective Trust	20,461,987	18,876,223
	Aon Multi Asset Credit Fund - Class 1	Collective Trust	2,514,436	2,480,522
			<u>\$ 88,004,296</u>	<u>\$ 76,562,112</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, 2022

(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	\$ —	\$ 9,718,639	\$ —	\$ —	\$ 9,718,639	\$ —	\$ —
BNY Mellon	EB TEMP INV FD	\$11,070,915	\$ —	\$ —	\$ —	\$11,070,915	\$ 11,070,915	\$ —

Schedule SB Attachment (Form 5500)—2022 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, 2022

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	1		1	
60-64								1	2	3
65-69									1	4
70+										

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Schedule SB Attachment (Form 5500)—2022 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 post-ARPA segment rates with a four-month lookback (as of September 2021), each adjusted as needed to fall within the 25-year average interest rate corridor
1st Segment Rate	4.75%
2nd Segment Rate	5.18%
3rd Segment Rate	5.92%
Interest Rates for Maximum Tax Purposes	Based on segment rates with a four-month lookback (as of September 2021), without regard to interest rate stabilization
1st Segment Rate	1.07%
2nd Segment Rate	2.68%
3rd Segment Rate	3.36%
Retirement Age	
Active Participants	See Table 1
Terminated Vested Participants	Age 65
Mortality Rates	
Healthy and Disabled	2022 static mortality table for annuitants and non-annuitants per §1.430(h)(3)-1(a)(3) and IRS Notice 2020-85
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 \$245,000 and the IRC section 401(a)(17) compensation limit of \$305,000.

Schedule SB Attachment (Form 5500)—2022 Plan Year
GrafTech International Holdings, Inc. Retirement Plan
EIN: 06-1249029 PN: 001

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 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

2020 Plan Year

4.50%

2021 Plan Year

3.75%

Trust Expenses Included in Target Normal Cost

\$1,214,000

Actuarial Method

Standard unit credit cost method

Valuation Date

January 1, 2022

Schedule SB Attachment (Form 5500)—2022 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)—2022 Plan Year
 GrafTech International Holdings, Inc. Retirement Plan
 EIN: 06-1249029 PN: 001

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)—2022 Plan Year
 GrafTech International Holdings, Inc. Retirement Plan
 EIN: 06-1249029 PN: 001

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 5500Department of the Treasury
Internal Revenue ServiceDepartment 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**2022****This Form is Open to Public Inspection****Part I Annual Report Identification Information**

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

- A** This return/report is for: ☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of 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>	10/9/23	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

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

Form 5500 (2022)
v. 220413

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	1,475
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		6a(1)	14
a(2) Total number of active participants at the end of the plan year		6a(2)	9
b Retired or separated participants receiving benefits		6b	913
c Other retired or separated participants entitled to future benefits		6c	270
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d	1,192
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits		6e	245
f Total. Add lines 6d and 6e		6f	1,437
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)		6g	
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested		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		b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information - Small Plan) (3) ☐ A (Insurance Information) (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 2022 Form M-1 annual report. If the plan was not required to file the 2022 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, 2022

(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	\$ —	\$ 9,718,639	\$ —	\$ —	\$ 9,718,639	\$ —	\$ —
BNY Mellon	EB TEMP INV FD	\$11,070,915	\$ —	\$ —	\$ —	\$11,070,915	\$ 11,070,915	\$ —

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 2022 This Form is Open to Public Inspection
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

▶ **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 <u>01</u> Day <u>01</u> Year <u>2022</u>	
2 Assets:	
a Market value	2a 109,960,541
b Actuarial value	2b 108,157,621
3 Funding target/participant count breakdown	
a For retired participants and beneficiaries receiving payment.....	(1) Number of participants 1,180 (2) Vested Funding Target 85,180,041 (3) Total Funding Target 85,180,041
b For terminated vested participants.....	281 12,293,973 12,293,973
c For active participants	14 2,243,504 2,243,573
d Total.....	1,475 99,717,518 99,717,587
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 5.28%
6 Target normal cost.....	
a Present value of current plan year accruals.....	6a 0
b Expected plan-related expenses	6b 1,214,000
c Total (line 6a + line 6b)	6c 1,214,000

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 	10/06/2023
	Signature of actuary	Date
KARTHIK BALAJI, FSA, EA		2307905
	Type or print name of actuary	Most recent enrollment number
AON CONSULTING, INC.		312-381-1000
	Firm name	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) 2022
v. 220413

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>2.12</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)		447,195
	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>5.45</u> %		24,372
	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		471,567
	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	108.46 %
15	Adjusted funding target attainment percentage	15	108.46 %
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	103.85 %
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)
Totals ►			18(b) 0
			18(c) 0

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

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:				
a Segment rates:	1st segment: 4.75 %	2nd segment: 5.18 %	3rd segment: 5.92 %	☐ 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	1,214,000	
b Excess assets, if applicable, but not greater than line 31a	31b	1,214,000	
32 Amortization installments:	Outstanding Balance	Installment	
a Net shortfall amortization installment	0	0	
b Waiver amortization installment	0	0	
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	33		
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)....	34	0	
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	0	0	0
36 Additional cash requirement (line 34 minus line 35)	36	0	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	0	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	0	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	0	
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0	
40 Unpaid minimum required contributions for all years	40	0	

Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)

41 If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. ☐ 2019 ☐ 2020 ☐ 2021

Schedule SB Attachment (Form 5500)—2022 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)—2022 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 post-ARPA segment rates with a four-month lookback (as of September 2021), each adjusted as needed to fall within the 25-year average interest rate corridor
1st Segment Rate	4.75%
2nd Segment Rate	5.18%
3rd Segment Rate	5.92%
Interest Rates for Maximum Tax Purposes	Based on segment rates with a four-month lookback (as of September 2021), without regard to interest rate stabilization
1st Segment Rate	1.07%
2nd Segment Rate	2.68%
3rd Segment Rate	3.36%
Retirement Age	
Active Participants	See Table 1
Terminated Vested Participants	Age 65
Mortality Rates	
Healthy and Disabled	2022 static mortality table for annuitants and non-annuitants per §1.430(h)(3)-1(a)(3) and IRS Notice 2020-85
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 \$245,000 and the IRC section 401(a)(17) compensation limit of \$305,000.

Schedule SB Attachment (Form 5500)—2022 Plan Year
GrafTech International Holdings, Inc. Retirement Plan
EIN: 06-1249029 PN: 001

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 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

2020 Plan Year

4.50%

2021 Plan Year

3.75%

Trust Expenses Included in Target Normal Cost

\$1,214,000

Actuarial Method

Standard unit credit cost method

Valuation Date

January 1, 2022

Schedule SB Attachment (Form 5500)—2022 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)—2022 Plan Year
GrafTech International Holdings, Inc. Retirement Plan
EIN: 06-1249029 PN: 001

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)—2022 Plan Year
 GrafTech International Holdings, Inc. Retirement Plan
 EIN: 06-1249029 PN: 001

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%

Schedule SB Attachment (Form 5500)—2022 Plan Year
GrafTech International Holdings, Inc. Retirement Plan
EIN: 06-1249029 PN: 001

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 provided under the Executive Retirement Income Plan (ERIP).
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Schedule SB Attachment (Form 5500)—2022 Plan Year
GrafTech International Holdings, Inc. Retirement Plan
EIN: 06-1249029 PN: 001

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> <p>(4) The benefit accrued under the Union Carbide Corporation Plan for credited service to</p>

Schedule SB Attachment (Form 5500)—2022 Plan Year
GrafTech International Holdings, Inc. Retirement Plan
EIN: 06-1249029 PN: 001

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)—2022 Plan Year
GrafTech International Holdings, Inc. Retirement Plan
EIN: 06-1249029 PN: 001

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.

Schedule SB Attachment (Form 5500)—2022 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 \$1,355,000 to \$1,214,000. This change was made to reflect updated administrative expenses (including updated PBGC premiums for the current year).

Schedule SB Attachment (Form 5500)—2022 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, 2022

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	1		1	
60-64								1	2	3
65-69									1	4
70+										

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Schedule SB Attachment (Form 5500)—2022 Plan Year
GrafTech International Holdings, Inc. Retirement Plan
EIN: 06-1249029 PN: 001

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

Plan Year	Active Participants	Terminated Vested Participants	Retired Participants and Beneficiaries Receiving Payments	Total
2022	53,701	235,604	8,482,929	8,772,234
2023	103,124	357,184	8,315,686	8,775,995
2024	135,509	439,307	8,127,984	8,702,800
2025	157,330	595,977	7,926,466	8,679,773
2026	175,767	746,945	7,707,217	8,629,928
2027	189,761	811,987	7,449,554	8,451,302
2028	196,190	891,107	7,186,824	8,274,121
2029	195,455	936,289	6,899,414	8,031,157
2030	197,654	994,128	6,596,268	7,788,050
2031	194,499	1,022,660	6,280,928	7,498,087
2032	191,238	1,038,361	5,950,187	7,179,786
2033	186,875	1,055,588	5,605,756	6,848,219
2034	182,017	1,046,598	5,250,314	6,478,929
2035	177,089	1,069,426	4,886,874	6,133,389
2036	171,056	1,066,677	4,518,712	5,756,444
2037	164,525	1,054,735	4,149,329	5,368,589
2038	157,485	1,032,964	3,782,371	4,972,819
2039	149,934	1,010,369	3,421,546	4,581,848
2040	141,877	979,872	3,070,491	4,192,240
2041	133,329	946,569	2,732,588	3,812,486
2042	124,329	910,232	2,410,827	3,445,388
2043	114,931	868,577	2,107,770	3,091,278
2044	105,214	823,765	1,825,533	2,754,512
2045	95,285	776,582	1,565,765	2,437,632
2046	85,273	727,745	1,329,593	2,142,610
2047	75,329	677,158	1,117,556	1,870,043
2048	65,622	625,579	929,590	1,620,791
2049	56,328	573,528	765,090	1,394,946
2050	47,616	521,585	623,010	1,192,211
2051	39,626	470,370	501,932	1,011,928
2052	32,460	420,512	400,080	853,052
2053	26,171	372,610	315,696	714,477
2054	20,764	327,190	246,685	594,639
2055	16,211	284,684	190,999	491,894
2056	12,455	245,416	146,651	404,522
2057	9,416	209,590	111,787	330,793
2058	7,007	177,305	84,718	269,030
2059	5,133	148,564	63,957	217,654
2060	3,704	123,278	48,212	175,194
2061	2,634	101,284	36,398	140,316
2062	1,845	82,368	27,573	111,786
2063	1,273	66,278	21,069	88,620
2064	866	52,743	16,364	69,974
2065	579	41,489	12,949	55,017

Schedule SB Attachment (Form 5500)—2022 Plan Year
 GrafTech International Holdings, Inc. Retirement Plan
 EIN: 06-1249029 PN: 001

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

Plan Year	Active Participants	Terminated Vested Participants	Retired Participants and Beneficiaries Receiving Payments	Total
2066	380	32,239	10,478	43,097
2067	245	24,726	8,679	33,650
2068	155	18,700	7,412	26,267
2069	96	13,935	6,521	20,552
2070	58	10,220	5,886	16,164
2071	34	7,370	5,419	12,824

Schedule SB Attachment (Form 5500)—2022 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)—2022 Plan Year
GrafTech International Holdings, Inc. Retirement Plan
EIN: 06-1249029 PN: 001

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 provided under the Executive Retirement Income Plan (ERIP).
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Schedule SB Attachment (Form 5500)—2022 Plan Year
 GrafTech International Holdings, Inc. Retirement Plan
 EIN: 06-1249029 PN: 001

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> <p>(4) The benefit accrued under the Union Carbide Corporation Plan for credited service to</p>

Schedule SB Attachment (Form 5500)—2022 Plan Year
GrafTech International Holdings, Inc. Retirement Plan
EIN: 06-1249029 PN: 001

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)—2022 Plan Year
GrafTech International Holdings, Inc. Retirement Plan
EIN: 06-1249029 PN: 001

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, 2022

(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	\$ 425,000	\$ 411,822
	Aon Global Equity Fund - Class 1	Collective Trust	2,268,440	3,030,151
	Aon Non-US Equity Fund - Class 1	Collective Trust	3,146,577	3,527,030
	Aon US Long Government Bond Index Fund - Class 1	Collective Trust	581,810	425,085
	Aon US Intermediate Government Bond Index Fund - Class 1	Collective Trust	2,134,139	1,928,134
	Aon Small Cap Equity Index Fund - Class 1	Collective Trust	662,384	701,290
	Aon Large Cap Equity Index Fund - Class 1	Collective Trust	4,109,989	4,836,935
	Aon Long Credit Bond Fund - Class 1	Collective Trust	51,699,534	40,344,920
	Aon Intermediate Credit Bond Fund - Class 1	Collective Trust	20,461,987	18,876,223
	Aon Multi Asset Credit Fund - Class 1	Collective Trust	2,514,436	2,480,522
			<u>\$ 88,004,296</u>	<u>\$ 76,562,112</u>

* Indicates party-in-interest to the Plan

Schedule SB Attachment (Form 5500)—2022 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 \$1,355,000 to \$1,214,000. This change was made to reflect updated administrative expenses (including updated PBGC premiums for the current year).