

Form 5500

Annual Return/Report of Employee Benefit Plan

OMB Nos. 1210-0110 1210-0089

Department of the Treasury Internal Revenue Service

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).

2024

Department of Labor Employee Benefits Security Administration

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

Pension Benefit Guaranty Corporation

This Form is Open to Public Inspection

Part I Annual Report Identification Information

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

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

Part II Basic Plan Information—enter all requested information

1a Name of plan ASCENT INDUSTRIES CO. 401(K) PLAN
1b Three-digit plan number (PN) 003
1c Effective date of plan 12/01/2016
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) ASCENT INDUSTRIES CO. 20 N. MARTINGALE ROAD, #430 SCHAUMBURG, IL 60173
2b Employer Identification Number (EIN) 57-0426694
2c Plan Sponsor's telephone number 630-884-9181
2d Business code (see instructions) 541990

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

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

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

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

Form 5500 (2024) v. 240311

<b>3a</b> Plan administrator's name and address <input checked="" type="checkbox"/> Same as Plan Sponsor	<b>3b</b> Administrator's EIN	
	<b>3c</b> Administrator's telephone number	
<b>4</b> 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: <b>a</b> Sponsor's name <b>c</b> Plan Name	<b>4b</b> EIN	
	<b>4d</b> PN	
<b>5</b> Total number of participants at the beginning of the plan year	<b>5</b>	648
<b>6</b> Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines <b>6a(1)</b> , <b>6a(2)</b> , <b>6b</b> , <b>6c</b> , and <b>6d</b> ). <b>a(1)</b> Total number of active participants at the beginning of the plan year ..... <b>a(2)</b> Total number of active participants at the end of the plan year ..... <b>b</b> Retired or separated participants receiving benefits..... <b>c</b> Other retired or separated participants entitled to future benefits ..... <b>d</b> Subtotal. Add lines <b>6a(2)</b> , <b>6b</b> , and <b>6c</b> ..... <b>e</b> Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. .... <b>f</b> Total. Add lines <b>6d</b> and <b>6e</b> ..... <b>g(1)</b> Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) ..... <b>g(2)</b> Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) ..... <b>h</b> Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	<b>6a(1)</b>	490
	<b>6a(2)</b>	444
	<b>6b</b>	1
	<b>6c</b>	133
	<b>6d</b>	578
	<b>6e</b>	4
	<b>6f</b>	582
	<b>6g(1)</b>	521
	<b>6g(2)</b>	473
<b>7</b> Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item) .....	<b>7</b>	

**8a** If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:  
2E 2F 2G 2J 2K 2T 3D

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

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

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

**a Pension Schedules**

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

**b General Schedules**

- (1)  **H** (Financial Information)
- (2)  **I** (Financial Information – Small Plan)
- (3)  **A** (Insurance Information) – Number Attached 0
- (4)  **C** (Service Provider Information)
- (5)  **D** (DFE/Participating Plan Information)
- (6)  **G** (Financial Transaction Schedules)

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

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**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.

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

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

Receipt Confirmation Code \_\_\_\_\_

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

<b>A</b> Name of plan <b>ASCENT INDUSTRIES CO. 401(K) PLAN</b>	<b>B</b> Three-digit plan number (PN) ▶	<b>003</b>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <b>ASCENT INDUSTRIES CO.</b>	<b>D</b> Employer Identification Number (EIN) <b>57-0426694</b>	

**Part I Service Provider Information (see instructions)**

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

**1 Information on Persons Receiving Only Eligible Indirect Compensation**

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

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

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

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**(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)

T. ROWE PRICE RPS, INC.

52-1309931

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
15 21 25 28 37 38 49 50 52 57 59 62 63 64 65	NONE	74314	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	0	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

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

PRUDENTIAL FUNDS

22-3703799

(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 59	NONE	0	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	0	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

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

AMERICAN FUNDS

95-1411037

(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 59	NONE	0	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	0	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

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

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

PRINCIPAL FUNDS

42-1520346

(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 59	NONE	0	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	0	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

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

VANGUARD GROUP

23-1945930

(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 59	NONE	0	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	0	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

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

JANUS FUNDS

43-1804048

(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 59	NONE	0	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	0	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

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

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

GALLIARD FUNDS

800 LASALLE AVENUE,  
SUITE 1400  
MINNEAPOLIS, MN 55402

(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 59	NONE	0	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	0	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

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

ALLIANCE BERNSTEIN

75-2401150

(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 59	NONE	0	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	0	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

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

FIDELITY

ONE DESTINY WAY  
WAJ37  
WESTLAKE, TX 76262

04-2647786

(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 59	NONE	0	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	0	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

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

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

AMERICAN BEACON FUNDS

4151 AMON CARTER BLVD  
MD 2450  
FORT WORTH, TX 76155

75-2401150

(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 59	NONE	0	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	0	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

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

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

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

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

**Part I Service Provider Information (continued)**

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
T ROWE PRICE RPS, INC	15 21 25 28 37 38 49 50 52 57 59 62 63 64 65	0
(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.
AMERICAN FUNDS EUROPAC GRW R6  5300 ROBIN HOOD ROAD NORFOLK, VA 23513  95-1411037		FEE FOR SHAREHOLDER SERVICING BASED UPON 0.00%
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
T ROWE PRICE RPS, INC	15 21 25 28 37 38 49 50 52 57 59 62 63 64 65	0
(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.
PGIM TOTAL RETURN BOND R6  P.O. BOX 9658 PROVIDENCE, RI 02940  22-3703799		FEE FOR SHAREHOLDER SERVICING BASED UPON 0.00%
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
T ROWE PRICE RPS, INC	15 21 25 28 37 38 49 50 52 57 59 62 63 64 65	0
(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.
VANGUARD SMALL CAP INDEX ADM  POST OFFICE BOX 1110 VALLEY FORGE, PA 19482  23-1945930		FEE FOR SHAREHOLDER SERVICING BASED UPON 0.00%

**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
T ROWE PRICE RPS, INC	15 21 25 28 37 38 49 50 52 57 59 62 63 64 65	0
(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.	
VANGUARD MID CAP INDEX ADM  23-1945930	POST OFFICE BOX 1110 VALLEY FORGE, PA 19482	FEE FOR SHAREHOLDER SERVICING BASED UPON 0.00%
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
T ROWE PRICE RPS, INC	15 21 25 28 37 38 49 50 52 57 59 62 63 64 65	0
(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.	
VANGUARD TTL BOND MKT IDX ADM  23-1945930	POST OFFICE BOX 1110 VALLEY FORGE, PA 19482	FEE FOR SHAREHOLDER SERVICING BASED UPON 0.00%
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
T ROWE PRICE RPS, INC	15 21 25 28 37 38 49 50 52 57 59 62 63 64 65	0
(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.	
GALLIARD STABLE RETURN C	800 LASALLE AVENUE, MINNEAPOLIS, MN 55402	FEE FOR SHAREHOLDER SERVICING BASED UPON 0.00%

**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
T ROWE PRICE RPS, INC	15 21 25 28 37 38 49 50 52 57 59 62 63 64 65	0
(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.	
JANUS HENDERSON TRITON N  43-1804048	151 DETROIT STREET DENVER, CO 80206	FEE FOR SHAREHOLDER SERVICING BASED UPON 0.00%
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
T ROWE PRICE RPS, INC	15 21 25 28 37 38 49 50 52 57 59 62 63 64 65	0
(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.	
FIDELITY 500 INDEX FUND  04-2647786	ONE DESTINY WAY WESTLAKE, TX 76262	FEE FOR SHAREHOLDER SERVICING BASED UPON 0.00%
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
T ROWE PRICE RPS, INC	15 21 25 28 37 38 49 50 52 57 59 62 63 64 65	0
(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.	
AMERICAN BEACON SM CAP VAL R6  75-2401150	4151 AMON CARTER BLVD FORT WORTH, TX 76155	FEE FOR SHAREHOLDER SERVICING BASED UPON 0.00%

**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
T ROWE PRICE RPS, INC	15 21 25 28 37 38 49 50 52 57 59 62 63 64 65	0
(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.	
FIDELITY TOTAL INTL INDEX FUND  04-2647786	ONE DESTINY WAY WESTLAKE, TX 76262	FEE FOR SHAREHOLDER SERVICING BASED UPON 0.00%
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
T ROWE PRICE RPS, INC	15 21 25 28 37 38 49 50 52 57 59 62 63 64 65	0
(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.	
PRINCIPAL EQUITY IT A1  42-1312301	30 DAN ROAD CANTON, MA 02021	FEE FOR SHAREHOLDER SERVICING BASED UPON 0.00%
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
T ROWE PRICE RPS, INC	15 21 25 28 37 38 49 50 52 57 59 62 63 64 65	0
(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.	
AB US LARGE CAP GROWTH CI	1345 AVENUE OF THE AMERICAS NEW YORK, NY 10105	FEE FOR SHAREHOLDER SERVICING BASED UPON 0.00%

**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
AMERICAN FUNDS	28 59	0
(d) Enter name and EIN (address) of source of indirect compensation AMERICAN FUNDS EUROPAC GRW R6 5300 ROBIN HOOD ROAD NORFOLK, VA 23513 95-1411037	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. INVESTMENT MANAGEMENT FEE BASED UPON 0.47%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
PRUDENTIAL JENNISON	28 59	0
(d) Enter name and EIN (address) of source of indirect compensation PGIM TOTAL RETURN BOND R6 P.O. BOX 9658 PROVIDENCE, RI 02940 22-3703799	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. INVESTMENT MANAGEMENT FEE BASED UPON 0.39%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
VANGUARD GROUP	28 59	0
(d) Enter name and EIN (address) of source of indirect compensation VANGUARD SMALL CAP INDEX ADM POST OFFICE BOX 1110 VALLEY FORGE, PA 19482 23-1945930	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. INVESTMENT MANAGEMENT FEE BASED UPON 0.05%	

**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
VANGUARD GROUP	28 59	0
(d) Enter name and EIN (address) of source of indirect compensation VANGUARD MID CAP INDEX ADM 23-1945930 POST OFFICE BOX 1110 VALLEY FORGE, PA 19482	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. INVESTMENT MANAGEMENT FEE BASED UPON 0.05%	
(a) Enter service provider name as it appears on line 2 VANGUARD GROUP	(b) Service Codes (see instructions) 28 59	(c) Enter amount of indirect compensation 0
(d) Enter name and EIN (address) of source of indirect compensation VANGUARD TTL BOND MKT IDX ADM 23-1945930 POST OFFICE BOX 1110 VALLEY FORGE, PA 19482	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. INVESTMENT MANAGEMENT FEE BASED UPON 0.05%	
(a) Enter service provider name as it appears on line 2 GALLIARD FUNDS	(b) Service Codes (see instructions) 28 59	(c) Enter amount of indirect compensation 0
(d) Enter name and EIN (address) of source of indirect compensation GALLIARD STABLE RETURN C 800 LASALLE AVENUE, MINNEAPOLIS, MN 55402	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation. INVESTMENT MANAGEMENT FEE BASED UPON 0.37%	

**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.

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

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

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

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

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

<b>(a)</b> Enter name and EIN or address of service provider (see instructions)	<b>(b)</b> Nature of Service Code(s)	<b>(c)</b> 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)

<b>a</b> Name: MOSS ADAMS, LLP	<b>b</b> EIN: 91-0189318
<b>c</b> Position: AUDITOR	
<b>d</b> Address: 21700 W OXNARD STREET SUITE 300 WOODLAND HILLS, CA 91367	<b>e</b> Telephone: 818-577-1900

Explanation: MOSS ADAMS, LLP MERGED WITH BAKER TILLY US, LLP ON JUNE 3 2025

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

<b>a</b> Name:	<b>b</b> EIN:
<b>c</b> Position:	
<b>d</b> Address:	<b>e</b> Telephone:

Explanation:

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

<b>A</b> Name of plan <u>ASCENT INDUSTRIES CO. 401(K) PLAN</u>	<b>B</b> Three-digit plan number (PN) ▶	<u>003</u>
<b>C</b> Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>ASCENT INDUSTRIES CO.</u>	<b>D</b> Employer Identification Number (EIN) <u>57-0426694</u>	

<b>Part I</b>	<b>Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs)</b> (Complete as many entries as needed to report all interests in DFEs)
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<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE: <u>TRP ST VAL COMMON TRUST FUND</u>		
<b>b</b> Name of sponsor of entity listed in (a): <u>T. ROWE PRICE TRUST COMPANY</u>		
<b>c</b> EIN-PN <u>52-1309931-001</u>	<b>d</b> Entity code <u>C</u>	<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>2062267</u>
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:		
<b>b</b> Name of sponsor of entity listed in (a):		
<b>c</b> EIN-PN		
<b>d</b> Entity code		
<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)		
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:		
<b>b</b> Name of sponsor of entity listed in (a):		
<b>c</b> EIN-PN		
<b>d</b> Entity code		
<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)		
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:		
<b>b</b> Name of sponsor of entity listed in (a):		
<b>c</b> EIN-PN		
<b>d</b> Entity code		
<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)		
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:		
<b>b</b> Name of sponsor of entity listed in (a):		
<b>c</b> EIN-PN		
<b>d</b> Entity code		
<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)		
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:		
<b>b</b> Name of sponsor of entity listed in (a):		
<b>c</b> EIN-PN		
<b>d</b> Entity code		
<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)		
<b>a</b> Name of MTIA, CCT, PSA, or 103-12 IE:		
<b>b</b> Name of sponsor of entity listed in (a):		
<b>c</b> EIN-PN		
<b>d</b> Entity code		
<b>e</b> Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)		

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

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

**c** EIN-PN

**d** Entity code

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

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

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

**c** EIN-PN

**d** Entity code

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

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

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

**c** EIN-PN

**d** Entity code

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

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

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

**c** EIN-PN

**d** Entity code

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

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

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

**c** EIN-PN

**d** Entity code

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

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

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

**c** EIN-PN

**d** Entity code

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

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

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

**c** EIN-PN

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

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

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

**c** EIN-PN

**d** Entity code

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

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

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

**c** EIN-PN

**d** Entity code

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

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

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

**c** EIN-PN

**d** Entity code

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



<b>SCHEDULE H</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Financial Information</b>  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).  ▶ <b>File as an attachment to Form 5500.</b>	OMB No. 1210-0110  <b>2024</b>  <b>This Form is Open to Public Inspection</b>
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For calendar plan year 2024 or fiscal plan year beginning <b>01/01/2024</b> and ending <b>12/31/2024</b>	
<b>A</b> Name of plan <b>ASCENT INDUSTRIES CO. 401(K) PLAN</b>	<b>B</b> Three-digit plan number (PN) ▶ <b>003</b>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <b>ASCENT INDUSTRIES CO.</b>	<b>D</b> Employer Identification Number (EIN) <b>57-0426694</b>

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

		(a) Beginning of Year	(b) End of Year
<b>Assets</b>			
<b>a</b> Total noninterest-bearing cash .....	<b>1a</b>		
<b>b</b> Receivables (less allowance for doubtful accounts):			
<b>(1)</b> Employer contributions .....	<b>1b(1)</b>	146590	0
<b>(2)</b> Participant contributions .....	<b>1b(2)</b>		
<b>(3)</b> Other .....	<b>1b(3)</b>	839	860
<b>c</b> General investments:			
<b>(1)</b> Interest-bearing cash (include money market accounts & certificates of deposit) .....	<b>1c(1)</b>	1271	1280
<b>(2)</b> U.S. Government securities .....	<b>1c(2)</b>		
<b>(3)</b> Corporate debt instruments (other than employer securities):			
<b>(A)</b> Preferred .....	<b>1c(3)(A)</b>		
<b>(B)</b> All other .....	<b>1c(3)(B)</b>		
<b>(4)</b> Corporate stocks (other than employer securities):			
<b>(A)</b> Preferred .....	<b>1c(4)(A)</b>		
<b>(B)</b> Common .....	<b>1c(4)(B)</b>	633097	591782
<b>(5)</b> Partnership/joint venture interests .....	<b>1c(5)</b>		
<b>(6)</b> Real estate (other than employer real property) .....	<b>1c(6)</b>		
<b>(7)</b> Loans (other than to participants) .....	<b>1c(7)</b>		
<b>(8)</b> Participant loans .....	<b>1c(8)</b>	586002	678456
<b>(9)</b> Value of interest in common/collective trusts .....	<b>1c(9)</b>	1735294	2062267
<b>(10)</b> Value of interest in pooled separate accounts .....	<b>1c(10)</b>		
<b>(11)</b> Value of interest in master trust investment accounts .....	<b>1c(11)</b>		
<b>(12)</b> Value of interest in 103-12 investment entities .....	<b>1c(12)</b>		
<b>(13)</b> Value of interest in registered investment companies (e.g., mutual funds) .....	<b>1c(13)</b>	26121938	26333055
<b>(14)</b> Value of funds held in insurance company general account (unallocated contracts) .....	<b>1c(14)</b>		
<b>(15)</b> Other .....	<b>1c(15)</b>		

<b>1d</b> Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities.....	<b>1d(1)</b>		
(2) Employer real property.....	<b>1d(2)</b>		
<b>e</b> Buildings and other property used in plan operation.....	<b>1e</b>		
<b>f</b> Total assets (add all amounts in lines 1a through 1e).....	<b>1f</b>	29225031	29667700
<b>Liabilities</b>			
<b>g</b> Benefit claims payable.....	<b>1g</b>		
<b>h</b> Operating payables.....	<b>1h</b>		
<b>i</b> Acquisition indebtedness.....	<b>1i</b>		
<b>j</b> Other liabilities.....	<b>1j</b>		
<b>k</b> Total liabilities (add all amounts in lines 1g through 1j).....	<b>1k</b>	0	0
<b>Net Assets</b>			
<b>l</b> Net assets (subtract line 1k from line 1f).....	<b>1l</b>	29225031	29667700

**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.

<b>Income</b>		(a) Amount	(b) Total
<b>a Contributions:</b>			
(1) Received or receivable in cash from: <b>(A)</b> Employers.....	<b>2a(1)(A)</b>	905915	
<b>(B)</b> Participants.....	<b>2a(1)(B)</b>	1567488	
<b>(C)</b> Others (including rollovers).....	<b>2a(1)(C)</b>	302758	
(2) Noncash contributions.....	<b>2a(2)</b>		
(3) Total contributions. Add lines <b>2a(1)(A)</b> , <b>(B)</b> , <b>(C)</b> , and line <b>2a(2)</b> .....	<b>2a(3)</b>		2776161
<b>b Earnings on investments:</b>			
<b>(1) Interest:</b>			
<b>(A)</b> Interest-bearing cash (including money market accounts and certificates of deposit).....	<b>2b(1)(A)</b>		
<b>(B)</b> U.S. Government securities.....	<b>2b(1)(B)</b>		
<b>(C)</b> Corporate debt instruments.....	<b>2b(1)(C)</b>		
<b>(D)</b> Loans (other than to participants).....	<b>2b(1)(D)</b>		
<b>(E)</b> Participant loans.....	<b>2b(1)(E)</b>	41655	
<b>(F)</b> Other.....	<b>2b(1)(F)</b>		
<b>(G)</b> Total interest. Add lines <b>2b(1)(A)</b> through <b>(F)</b> .....	<b>2b(1)(G)</b>		41655
<b>(2) Dividends:</b>			
<b>(A)</b> Preferred stock.....	<b>2b(2)(A)</b>		
<b>(B)</b> Common stock.....	<b>2b(2)(B)</b>		
<b>(C)</b> Registered investment company shares (e.g. mutual funds).....	<b>2b(2)(C)</b>	54468	
<b>(D)</b> Total dividends. Add lines <b>2b(2)(A)</b> , <b>(B)</b> , and <b>(C)</b> .....	<b>2b(2)(D)</b>		54468
<b>(3)</b> Rents.....	<b>2b(3)</b>		
<b>(4) Net gain (loss) on sale of assets:</b>			
<b>(A)</b> Aggregate proceeds.....	<b>2b(4)(A)</b>		
<b>(B)</b> Aggregate carrying amount (see instructions).....	<b>2b(4)(B)</b>		
<b>(C)</b> Subtract line <b>2b(4)(B)</b> from line <b>2b(4)(A)</b> and enter result.....	<b>2b(4)(C)</b>		
<b>(5) Unrealized appreciation (depreciation) of assets:</b>			
<b>(A)</b> Real estate.....	<b>2b(5)(A)</b>		
<b>(B)</b> Other.....	<b>2b(5)(B)</b>		
<b>(C)</b> Total unrealized appreciation of assets. Add lines <b>2b(5)(A)</b> and <b>(B)</b> .....	<b>2b(5)(C)</b>		

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts .....	<b>2b(6)</b>		42599
(7) Net investment gain (loss) from pooled separate accounts .....	<b>2b(7)</b>		
(8) Net investment gain (loss) from master trust investment accounts .....	<b>2b(8)</b>		
(9) Net investment gain (loss) from 103-12 investment entities .....	<b>2b(9)</b>		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds) .....	<b>2b(10)</b>		3181302
<b>c</b> Other income .....	<b>2c</b>		-151450
<b>d</b> Total income. Add all <b>income</b> amounts in column (b) and enter total .....	<b>2d</b>		5944735

**Expenses**

<b>e</b> Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers .....	<b>2e(1)</b>	5426690	
(2) To insurance carriers for the provision of benefits .....	<b>2e(2)</b>		
(3) Other .....	<b>2e(3)</b>		
(4) Total benefit payments. Add lines <b>2e(1)</b> through <b>(3)</b> .....	<b>2e(4)</b>		5426690
<b>f</b> Corrective distributions (see instructions) .....	<b>2f</b>		1062
<b>g</b> Certain deemed distributions of participant loans (see instructions) .....	<b>2g</b>		
<b>h</b> Interest expense .....	<b>2h</b>		
<b>i</b> Administrative expenses:			
(1) Salaries and allowances .....	<b>2i(1)</b>		
(2) Contract administrator fees .....	<b>2i(2)</b>		
(3) Recordkeeping fees .....	<b>2i(3)</b>		
(4) IQPA audit fees .....	<b>2i(4)</b>		
(5) Investment advisory and investment management fees .....	<b>2i(5)</b>		
(6) Bank or trust company trustee/custodial fees .....	<b>2i(6)</b>		
(7) Actuarial fees .....	<b>2i(7)</b>		
(8) Legal fees .....	<b>2i(8)</b>		
(9) Valuation/appraisal fees .....	<b>2i(9)</b>		
(10) Other trustee fees and expenses .....	<b>2i(10)</b>		
(11) Other expenses .....	<b>2i(11)</b>	74314	
(12) Total administrative expenses. Add lines <b>2i(1)</b> through <b>(11)</b> .....	<b>2i(12)</b>		74314
<b>j</b> Total expenses. Add all <b>expense</b> amounts in column (b) and enter total .....	<b>2j</b>		5502066

**Net Income and Reconciliation**

<b>k</b> Net income (loss). Subtract line <b>2j</b> from line <b>2d</b> .....	<b>2k</b>		442669
<b>l</b> Transfers of assets:			
(1) To this plan .....	<b>2l(1)</b>		
(2) From this plan .....	<b>2l(2)</b>		

**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: **BAKER TILLY US, LLP**

(2) EIN: **30-1413443**

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

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

**Part IV Compliance Questions**

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

During the plan year:

	Yes	No	Amount
<b>a</b> Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)		X	
<b>b</b> Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)		X	
<b>c</b> Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)		X	
<b>d</b> Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)		X	
<b>e</b> Was this plan covered by a fidelity bond?	X		1000000
<b>f</b> Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
<b>g</b> Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
<b>h</b> Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
<b>i</b> Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
<b>j</b> 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	
<b>k</b> Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		X	
<b>l</b> Has the plan failed to provide any benefit when due under the plan?		X	
<b>m</b> If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		X	
<b>n</b> If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			

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

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

<b>5b(1)</b> Name of plan(s)	<b>5b(2)</b> EIN(s)	<b>5b(3)</b> 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 \_\_\_\_\_.

<b>SCHEDULE R</b> <b>(Form 5500)</b>  <small>Department of the Treasury Internal Revenue Service</small>  <small>Department of Labor Employee Benefits Security Administration</small>  <small>Pension Benefit Guaranty Corporation</small>	<b>Retirement Plan Information</b>  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).  <b>▶ File as an attachment to Form 5500.</b>	<small>OMB No. 1210-0110</small>  <b>2024</b>  <b>This Form is Open to Public Inspection.</b>
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For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

<b>A</b> Name of plan <u>ASCENT INDUSTRIES CO. 401(K) PLAN</u>	<b>B</b> Three-digit plan number (PN) ▶	<u>003</u>
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 <u>ASCENT INDUSTRIES CO.</u>	<b>D</b> Employer Identification Number (EIN) <u>57-0426694</u>	

<b>Part I</b>	<b>Distributions</b>
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**All references to distributions relate only to payments of benefits during the plan year.**

<b>1</b> Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....	1	0
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**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): 04-3157927

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

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

<b>Part II</b>	<b>Funding Information</b> (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.**

<b>6 a</b> Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived) .....	6a	
<b>b</b> Enter the amount contributed by the employer to the plan for this plan year .....	6b	
<b>c</b> 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

<b>Part III</b>	<b>Amendments</b>
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**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

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

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

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

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

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

**Part V Additional Information for Multiemployer Defined Benefit Pension Plans**

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

**a** Name of contributing employer \_\_\_\_\_

**b** EIN \_\_\_\_\_ **c** Dollar amount contributed by employer \_\_\_\_\_

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

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

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

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

**a** Name of contributing employer \_\_\_\_\_

**b** EIN \_\_\_\_\_ **c** Dollar amount contributed by employer \_\_\_\_\_

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

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

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

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

**a** Name of contributing employer \_\_\_\_\_

**b** EIN \_\_\_\_\_ **c** Dollar amount contributed by employer \_\_\_\_\_

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

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

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

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

**a** Name of contributing employer \_\_\_\_\_

**b** EIN \_\_\_\_\_ **c** Dollar amount contributed by employer \_\_\_\_\_

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

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

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

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

**a** Name of contributing employer \_\_\_\_\_

**b** EIN \_\_\_\_\_ **c** Dollar amount contributed by employer \_\_\_\_\_

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

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

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

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

**a** Name of contributing employer \_\_\_\_\_

**b** EIN \_\_\_\_\_ **c** Dollar amount contributed by employer \_\_\_\_\_

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

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

(1) Contribution rate (in dollars and cents) \_\_\_\_\_

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

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

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

**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:

<b>a</b> The corresponding number for the plan year immediately preceding the current plan year .....	<b>15a</b>	
<b>b</b> The corresponding number for the second preceding plan year .....	<b>15b</b>	

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

<b>a</b> Enter the number of employers who withdrew during the preceding plan year .....	<b>16a</b>	
<b>b</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.....	<b>16b</b>	

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

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

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

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

**a** Enter the percentage of plan assets held as:  
 Public Equity: \_\_\_\_\_% Private Equity: \_\_\_\_\_% Investment-Grade Debt and Interest Rate Hedging Assets: \_\_\_\_\_%  
 High-Yield Debt: \_\_\_\_\_% Real Assets: \_\_\_\_\_% Cash or Cash Equivalents: \_\_\_\_\_% Other: \_\_\_\_\_%

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

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

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

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

**Part VII IRS Compliance Questions**

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

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

**22** If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter 06 / 30 / 2020 (MM/DD/YYYY) and the Opinion Letter serial number Q702763A.

**Ascent Industries Co. 401(k) Plan  
(f/k/a DanChem Technologies, Inc. 401(k) Plan)**

Financial Statements and Supplemental Schedule  
As of December 31, 2024 and 2023 and for the Year Ended December 31, 2024

**Ascent Industries Co. 401(k) Plan  
(f/k/a DanChem Technologies, Inc. 401(k) Plan)**

**Contents**

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## Report of Independent Auditors

The Plan Administrator of  
Ascent Industries Co. 401(k) Plan

### Report on the Audit of the Financial Statements

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

We have performed audits of the financial statements of Ascent Industries Co. 401(k) 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 statements of net assets available for benefits as of December 31, 2024 and 2023, and the related statement of changes in net assets available for benefits for the year ended December 31, 2024, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits of Ascent Industries Co. 401(k) Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audits need not extend to any statements or information related to assets held for investment of the plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained certifications from a qualified institution as of December 31, 2024 and 2023, and for the year ended December 31, 2024, stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

#### **Opinion**

In our opinion, based on our audits and on the procedures performed as described in the 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 (GAAP).
- 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 audits 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 Ascent Industries Co. 401(k) Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

### ***Responsibilities of Management for the Financial Statements***

Management is responsible for the preparation and fair presentation of the financial statements in accordance with GAAP, 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 Ascent Industries Co. 401(k) Plan's ability to continue as a going concern within one year after the date that the financial statements are available to be issued.

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

### ***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 Ascent Industries Co. 401(k) Plan's internal control. Accordingly, no such opinion is expressed.

- evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.

Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about Ascent Industries Co. 401(k) Plan's ability to continue as a going concern for a reasonable period of time.

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

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 GAAP.

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 Schedule Required by ERISA*

The supplemental schedule of Schedule H, Line 4(i) – Schedule of Assets (Held at End of Year) as of December 31, 2024, is presented for purposes of additional analysis and is not a required part of the financial statements but is 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 schedule, other than that agreed to or derived from the certified investment information, has been subjected to the auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedule 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 schedule, we evaluated whether the supplemental schedule, other than the information agreed to or derived from the certified investment information, including its form and content, is 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 schedule, other than the information in the supplemental schedule that agreed to or is derived from the certified investment information, is presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosures under ERISA.

- the information in the supplemental schedule 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).

*Baker Tilly US, LLP*

Woodland Hills, California

July 24, 2025

**Ascent Industries Co. 401(k) Plan  
(f/k/a DanChem Technologies, Inc. 401(k) Plan)**

**Statements of Net Assets Available for Benefits**

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<i>December 31,</i>	<b>2024</b>	<b>2023</b>
<b>Assets</b>		
Investments, at fair value	<b>\$ 28,988,384</b>	<b>\$ 28,491,600</b>
Receivables		
Notes receivable from participants	<b>678,456</b>	586,002
Employer contributions	-	146,590
Accrued income	<b>860</b>	839
Total receivables	<b>679,316</b>	733,431
<b>Net Assets Available for Benefits</b>	<b>\$ 29,667,700</b>	<b>\$ 29,225,031</b>

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*See accompanying notes to the financial statements.*

**Ascent Industries Co. 401(k) Plan  
(f/k/a DanChem Technologies, Inc. 401(k) Plan)**

**Statement of Changes in Net Assets Available for Benefits**

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*Year ended December 31, 2024*

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**Additions**

Net investment income	
Net appreciation in fair value of investments	\$ 3,072,429
Interest and dividends	54,489
<hr/>	
Total net investment income	3,126,918
Interest income on notes receivable from participants	41,655
Contributions	
Participant	1,567,488
Employer	905,915
Rollover	302,758
<hr/>	
<b>Total contributions</b>	<b>2,776,161</b>
<hr/>	
<b>Total additions</b>	<b>5,944,734</b>
<b>Deductions</b>	
Benefits paid to participants	5,427,751
Administrative expenses	74,314
<hr/>	
<b>Total deductions</b>	<b>5,502,065</b>
<hr/>	
<b>Net increase</b>	<b>442,669</b>
<b>Net Assets Available for Benefits, beginning of year</b>	<b>29,225,031</b>
<hr/>	
<b>Net Assets Available for Benefits, end of year</b>	<b>\$ 29,667,700</b>

*See accompanying notes to the financial statements.*

**Ascent Industries Co. 401(k) Plan**  
**(f/k/a DanChem Technologies, Inc. 401(k) Plan)**  
**Notes to Financial Statements**

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## **1. Plan Description**

The following description of the Ascent Industries Co. 401(k) Plan (f/k/a DanChem Technologies, Inc. 401(k) Plan) (the Plan) provides only general information. Participants should refer to the plan agreement for a more complete description of the Plan's provisions.

### ***General***

The Plan is a defined contribution plan covering substantially all employees of DanChem Technologies, Inc. (the Company) who are age 21 or older. Excluded employees include nonresident aliens, temporary employees, and seasonal employees. Effective January 1, 2023, the Plan was amended and restated to exclude part-time employees whose regularly scheduled service is less than 1,000 hours of service and union employees working at Specialty Pipe and Tube and Bristol Metals, LLC. Employees can enter the Plan immediately upon meeting the eligibility requirements. The Plan Administrator is responsible for oversight of the Plan. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

Effective January 1, 2023, the Plan was amended and restated to merge the Ascent Industries 401(k) Plan (f/k/a Synalloy Corporation 401(k) Employee Stock Ownership Plan) into the Plan. The Ascent Industries Co. common stock held by the Ascent Industries 401(k) Plan (f/k/a Synalloy Corporation 401(k) Employee Stock Ownership Plan) remains under the custodianship of Bank of America.

Effective February 7, 2023, the Plan was amended and restated to change the employer of the Plan to Ascent Industries Co. and the Plan name to Ascent Industries Co. 401(k) Plan.

The Plan was further amended and restated effective May 1, 2023.

### ***Contributions***

Each year, participants may contribute pre-tax deferrals up to the maximum amount allowed by law. Participants are also permitted to contribute Roth after-tax deferrals to the Plan. Participants who have attained the age 50 before the end of the Plan year are eligible to make catch-up contributions. Participants may also contribute amounts representing distributions from other qualified defined benefit or contribution plans (rollovers). The Plan includes an auto-enrollment provision whereby all newly eligible employees are automatically enrolled in the Plan unless they affirmatively elect not to participate in the Plan. Automatically enrolled participants have their deferral rate set at 6 percent of eligible compensation and their contributions are invested in a designated balanced fund until changed by the participant. Effective January 1, 2023, the Plan was amended to add an auto-escalation provision to the Plan whereby there are scheduled increases of 1 percent up to a maximum of 10 percent of compensation to be effective on April 1 of each year. The escalation provision will apply as of the second change date period after the participant first has contributions made pursuant to a default election.

**Ascent Industries Co. 401(k) Plan**  
**(f/k/a DanChem Technologies, Inc. 401(k) Plan)**  
**Notes to Financial Statements**

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Effective January 1, 2023, the Plan's safe harbor matching contribution amount was amended to be 100 percent of the participant's elective deferrals that do not exceed 4 percent of the participant's compensation. Prior to January 1, 2023, the safe harbor matching contributions on participants' contributions equaled 100 percent of the first 3 percent of eligible compensation and 50 percent of the next 3 percent of eligible compensation. The Company may also make discretionary profit-sharing contributions to the Plan. There were no discretionary profit-sharing contributions for the year ended December 31, 2024.

The Plan allows for additional non-elective employer contributions on behalf of certain union employees who were employed as of June 1, 2013. These additional contributions totaled \$30,358 for the year ended December 31, 2024.

Contributions are subject to certain Internal Revenue Service (IRS) limitations.

***Investment Options***

Upon enrollment in the Plan, a participant may direct all contributions to selected investments, as made available and determined by the Plan Administrator in 1 percent increments. Participants may change their investment options daily.

***Participant Accounts***

Each participant's account is credited with the participant's contribution, the employer matching contributions, as well as allocations of any profit-sharing contributions, if any, and an allocation of Plan earnings. The allocation conditions for profit sharing do not apply to the non-elective employer contributions made on behalf of the eligible union employees. The non-elective employer contributions made on behalf of the union employees will be pro-rated in the last year of an employee's employment. Participant accounts are charged with an allocation of Plan losses, if any, and administrative expenses that are paid by the Plan. Allocations are based on participant earnings, account balances, or specific participant transactions, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

***Vesting***

Participants are vested immediately in their contributions, the non-elective employer contributions made to eligible union employees, and the Company's matching contributions plus actual earnings thereon. Vesting in the Company's discretionary profit-sharing contribution portion of their accounts plus actual earnings thereon is based on years of continuous service as follows: Less than one year of continuous service - 0 percent, two years - 20 percent, three years - 40 percent, four years - 60 percent, five years - 80 percent, and six years - 100 percent. Participants become fully vested in the event of retirement, total and permanent disability, and death.

Effective January 1, 2023, the Plan was amended to allow profit-sharing participant account balances from the Ascent Industries 401(k) Plan (f/k/a Synalloy Corporation 401(k) Employee Stock Ownership Plan) to be subject to a three-year cliff vesting schedule and waived for death, disability, and Early Retirement Age which is defined as age 55 and 10 years of service. Also, certain pre-2007 profit sharing assets are subject to a five-year cliff vesting schedule.

**Ascent Industries Co. 401(k) Plan**  
**(f/k/a DanChem Technologies, Inc. 401(k) Plan)**  
**Notes to Financial Statements**

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***Payment of Benefits***

On termination of service due to death, disability, or retirement, a participant may elect to receive an amount equal to the value of the participant's vested interest in his or her account in a lump-sum amount with certain exceptions as provided by the Plan. Participants with vested account balances of \$5,000 or less will be rolled-over to an Individual Retirement Account (IRA) provider unless the participant requests a lump sum payment. Participants with vested account balances of \$5,000 or more may leave their balance in the Plan, elect to receive a single lump-sum amount, or choose to roll over their balance into another qualified retirement plan or IRA. In-service withdrawals are also permitted for certain financial hardships or when a participant attains age 59½.

***Forfeited Accounts***

At December 31, 2024 and 2023, forfeited nonvested accounts totaled \$18,615 and \$39,634, respectively. During 2024, forfeitures of \$120,670 were used towards employer safe harbor matching contributions.

***Notes Receivable from Participants***

Participants may borrow from their accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50 percent of their vested account balance. Notes receivable terms range from one to five years or over a reasonable period of time in excess of five years, not to exceed 30 years, if used for the purchase of a principal residence. The notes receivable are collateralized by the balance in the participant's account and bear interest at fixed rates established at the initial date of borrowing. Participants may have one regular and one principal residence loan outstanding at a time. Principal and interest are paid ratably through payroll deductions.

## **2. Summary of Significant Accounting Policies**

***Basis of Accounting***

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

***Use of Estimates***

The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America (GAAP) requires Plan management to make estimates and assumptions that affect the reported amounts of assets and liabilities and changes therein, and disclosure of contingent assets and liabilities. Actual results could differ from those estimates.

***Investment Valuation and Income Recognition***

Investments are reported 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. The Plan's Compensation Committee determines the Plan's valuation policies utilizing information provided by the trustee. See Note 4 for a discussion of fair value measurements.

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

**Ascent Industries Co. 401(k) Plan**  
**(f/k/a DanChem Technologies, Inc. 401(k) Plan)**  
**Notes to Financial Statements**

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***Notes Receivable from Participants***

Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income is recorded on an accrual basis. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded as of December 31, 2024 or 2023. If a participant ceases to make loan repayments and the Plan Administrator deems the participant's loan to be in default, the participant's loan balance is reduced and a benefit payment is recorded.

***Payment of Benefits***

Benefits are recorded when paid.

***Administrative Expenses***

Certain expenses of maintaining the Plan are paid directly by the Company and are excluded from these financial statements. Fees related to specific participant transactions (distributions and use of the trustee's investment advice service) are charged directly to the participant's account and are included in administrative expenses. Certain investment-related expenses are included in net appreciation in fair value of investments.

***Contributions***

Contributions from Plan participants and Company matching contributions are recorded in the year in which the employee contributions are withheld from compensation. Company profit-sharing contributions are recognized upon authorization and in the year the underlying compensation is recognized under the Plan.

***Subsequent Events***

The Plan has evaluated subsequent events through July 24, 2025, the date the financial statements were available to be issued.

On June 23, 2025, the Company and its wholly-owned subsidiary American Stainless Tubing, Inc. ("ASTI"), entered into an Asset Purchase Agreement (the "Purchase Agreement") pursuant to which they sold substantially all of the assets related to ASTI to First Tube, LLC., a Texas limited liability company and wholly-owned subsidiary of Triple-S Steel Holdings, Inc (the "Purchaser"). On June 30, 2025 (the "Divestiture Date"), the Company and Purchaser completed the transaction contemplated by the Purchase Agreement. Ascent Industries Co., the parent company prior to the divestiture, retained all responsibilities related to the Plan. On the Divestiture Date, the ASTI employees became employees of the Purchaser and were no longer active participants in the Plan. Account balances of related employees which were part of the transaction were allowed to remain in the Plan.

**3. Certified Investments**

Certain information disclosed in the accompanying financial statements and ERISA-required supplemental schedule, including investments held and notes receivable from participants at December 31, 2024 and 2023, and net appreciation in fair value of investments, interest and dividends, and interest income on notes receivable from participants for the year ended December 31, 2024, was obtained by management and agreed to or derived from information certified as complete and accurate by Reliance Trust Company and Bank of America, the trustee and custodian of the Plan, respectively.

**Ascent Industries Co. 401(k) Plan**  
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**Notes to Financial Statements**

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#### **4. 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). The three levels of the fair value hierarchy are described as follows:

*Level 1* - Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

*Level 2* - Inputs to the valuation methodology include:

- 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 to the valuation methodology are unobservable and significant to the fair value measurement.

The asset or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques maximize the use of relevant observable inputs and minimize the use of unobservable inputs.

Following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2024 and 2023.

*Money Market* - Valued at the daily closing price as reported by the fund.

*Mutual Funds* - Valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the Securities and Exchange Commission. These funds are required to publish their daily net asset value (NAV) and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

*Ascent Industries Co. Common Stock* - This asset is valued at the closing price reported on the active market on which the individual securities are traded.

*Common Collective Trust Fund (CCT)* - Valued at the NAV of units of the collective trust fund. The NAV, as provided by the trustee of the CCT, is used as a practical expedient to estimate fair value. The NAV is based on the fair value of the underlying investments held by the fund less its liabilities. This practical expedient is not used when it is determined to be probable that the fund will sell the investment for an amount different than the reported NAV. Participant transactions (purchases and sales) may occur daily.

The preceding methods described may produce a fair value calculation which may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the Plan believes

**Ascent Industries Co. 401(k) Plan**  
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**Notes to Financial Statements**

its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

The following tables set forth by level, within the fair value hierarchy, the Plan's fair value measurements as of December 31, 2024 and 2023:

**December 31, 2024**

	Level 1	Level 2	Level 3	Total
Mutual Funds	\$26,333,055	\$ -	\$ -	\$ 26,333,055
Money Market	1,280	-	-	1,280
Ascent Industries Co. common stock	591,782	-	-	591,782
<b>Total Assets</b> , in the fair value hierarchy	<b>\$ 26,926,117</b>	<b>\$ -</b>	<b>\$ -</b>	<b>26,926,117</b>
<b>Investments</b> , measured at NAV <sup>(a)</sup>				2,062,267
<b>Investments</b> , at fair value				<b>\$ 28,988,384</b>

**December 31, 2023**

	Level 1	Level 2	Level 3	Total
Mutual Funds	\$ 26,121,938	\$ -	\$ -	\$ 26,121,938
Money Market	1,271	-	-	1,271
Ascent Industries Co. common stock	633,097	-	-	633,097
<b>Total Assets</b> , in the fair value hierarchy	<b>\$ 26,756,306</b>	<b>\$ -</b>	<b>\$ -</b>	<b>26,756,306</b>
<b>Investments</b> , measured at NAV <sup>(a)</sup>				1,735,294
<b>Investments</b> , at fair value				<b>\$ 28,491,600</b>

(a) Certain investments in CCTs that were measured at NAV per share or its equivalent have not been classified in the fair value hierarchy. The fair value amounts presented in these tables are intended to permit reconciliation of the fair value hierarchy to the amounts presented in the statements of net assets available for benefits.

The following tables for December 31, 2024 and 2023, set forth a summary of the Plan's investments reported at NAV as a practical expedient to estimate fair value:

**December 31, 2024**

	Fair Value	Unfunded Commitment	Redemption Frequency	Redemption Notice Period
<b>Common Collective Trust</b>				
T. Rowe Price Stable Value	\$ 2,062,267	\$ -	Daily	(c)

**Ascent Industries Co. 401(k) Plan  
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Notes to Financial Statements**

*December 31, 2023*

	Fair Value	Unfunded Commitment	-	Redemption Frequency	Redemption Notice Period
<b>Common Collective Trust</b>					
Galliard Stable Return Fund C	\$1,072,610	\$	-	Daily	(b)
T. Rowe Price Stable Value	<u>662,684</u>		-	Daily	(c)
<b>Total</b>	<b>\$1,735,294</b>				

(b) Withdrawals initiated by Plan participants are honored at any time without penalty. If the Plan sponsor were to initiate the withdrawal from the Fund, a 12-month written notice of intent to withdraw assets from the Fund would be required.

(c) Under the terms of the Declaration of Trust, retirement plans invested in the trust are required to provide either 12 or 30 months' advance written notice to the trustee prior to redemption of trust units. The notice period may be shortened or waived by the trustee in its sole discretion.

## 5. Nonparticipant-Directed Investments

The Company's common stock held in the Plan are nonparticipant-directed investments. Information about the net assets and the significant components of the changes in net assets relating to the nonparticipant-directed investments is as follows:

<i>December 31,</i>	<b>2024</b>	<b>2023</b>
<b>Net Assets</b>		
Ascent Industries Co. common stock	<b>\$ 591,782</b>	<b>\$ 633,097</b>
	<b>\$ 591,782</b>	<b>\$ 633,097</b>

*December 31, 2024*

<b>Changes in Net Assets</b>	
Beginning Balance	<b>\$ 633,097</b>
Net appreciation from Ascent Industries Co. common stock	<b>88,408</b>
Transfer to other investment funds	<b>(40,278)</b>
Benefits paid to participants	<b>(89,445)</b>
Net decrease	<b>(41,315)</b>
Ending balance	<b>\$ 591,782</b>

## 6. Related Party and Party-in-Interest Transactions

Certain Plan investments are shares of Ascent Industries Co. common stock which were transferred into the Plan effective January 1, 2023. Ascent Industries Co. is the Plan Sponsor as defined by the Plan and, therefore, these transactions qualify as party-in-interest transactions. The Plan held 52,932.1577 and 66,223.5825 shares at December 31, 2024 and 2023, respectively.

Certain Plan investments are managed by an affiliate of T. Rowe Price. T. Rowe Price Retirement Plan Services, Inc. is the recordkeeper for the Plan; and therefore, these transactions qualify as party-in-interest transactions. The Company also paid certain administrative expenses of the Plan.

**Ascent Industries Co. 401(k) Plan  
(f/k/a DanChem Technologies, Inc. 401(k) Plan)  
Notes to Financial Statements**

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These transactions qualify as exempt party-in-interest transactions.

Loans to participants also qualify as party-in-interest transactions.

## **7. Plan Termination**

Although it has not expressed any intent 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 of ERISA. In the event of Plan termination, participants would become 100 percent vested in their Company discretionary profit-sharing contributions.

## **8. Tax Status**

The Plan adopted a pre-approved defined contribution plan document from DST Retirement Solutions, LLC, which received an opinion letter from the IRS on June 30, 2020, stating that the pre-approved defined contribution plan document, as then designed, was in compliance with the applicable requirements of the Internal Revenue Code (IRC). Although the Plan has been amended and restated since the date of the IRS opinion letter, the Plan Administrator believes that the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC and, therefore, believes that the Plan is qualified, and the related trust is tax-exempt.

GAAP requires 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 IRS. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

## **9. Risks, Uncertainties and Concentrations**

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 that such changes could materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits.

## Supplemental Schedule

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**Ascent Industries Co. 401(k) Plan  
(f/k/a DanChem Technologies, Inc. 401(k) Plan)**

Schedule H, Line 4i - Schedule of Assets (Held at End of Year)

EIN: 57-0426694

Plan Number: 003

December 31, 2024

(a)	(b)	(c)	(d)	(e)
Identity of Issuer, Borrower, Lessor or Similar Party	Description of Investment, Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	Cost	Current Value	
<b>Common Stock</b>				
* Ascent Industries Co.	Ascent Industries Co. Common Stock	\$ 539,984	\$ 591,782	
<b>Money Market</b>				
Vanguard	Federal Money Markey Inv	**	1,280	
<b>Common Collective Trust Funds</b>				
* T. Rowe Price	Stable Value	**	2,062,267	
<b>Mutual Funds</b>				
* T. Rowe Price	Retirement 2030 TR-E	**	6,033,673	
* T. Rowe Price	Retirement 2035 TR-E	**	3,692,642	
* T. Rowe Price	Retirement 2025 TR-E	**	3,914,880	
* T. Rowe Price	Retirement 2040 TR-E	**	4,617,154	
* T. Rowe Price	Retirement 2045 TR-E	**	1,940,556	
* T. Rowe Price	Retirement 2020 TR-E	**	1,453,345	
* T. Rowe Price	Retirement 2055 TR-E	**	1,140,569	
* T. Rowe Price	Retirement 2050 TR-E	**	1,307,492	
* T. Rowe Price	Retirement 2015 TR-E	**	600,567	
* T. Rowe Price	Retirement 2060 TR-E	**	588,768	
* T. Rowe Price	Retirement 2010 TR-E	**	275,406	
Fidelity	500 Index	**	202,923	
AB	US Large Cap Growth (W Sers) CL L	**	140,709	
Vanguard	Mid Cap Index	**	23,239	
* T. Rowe Price	Retirement 2065 TR-E	**	192,724	
* T. Rowe Price	Government Money Inv	**	18,615	
Vanguard	Total Bond Mkt Index	**	59,884	
American Beacon	Small Cap Value R6	**	15,730	
Fidelity	Total Intl Index	**	7,388	
Vanguard	Small Cap Index Adm	**	12,561	
American Funds	Europacific Growth R6	**	7,344	
PGIM	Total Return Bond R6	**	55,174	
Principal	Equity Income Tier A-1	**	4,851	
Janus	Triton N	**	5,049	
* T. Rowe Price	Retirement 2040 CL I	**	1,498	
* T. Rowe Price	Retirement 2035 CL I	**	1,471	
* T. Rowe Price	Retirement 2030 CL I	**	1,440	
American Beacon	Large Cap Growth Fund CL Z	**	13,889	
* T. Rowe Price	Retirement 2005 TR-E	**	2,065	
* T. Rowe Price	Retirement Balanced TR-E	**	1,449	
<b>Total Mutual Funds</b>			<b>26,333,055</b>	
<b>Total Investments</b>			<b>28,988,384</b>	
* Participant Loans	Interest rates ranging from 3.25 percent to 9.50 percent with maturities through 2030	-0-	678,456	
<b>Total</b>			<b>\$ 29,666,840</b>	

\* Indicates a party-in-interest to the Plan

\*\* Cost information omitted due to participant-directed funds

**Schedule H, Line 4i**  
**Schedule of Assets (Held At End of Year)**

Name of Plan:

▶ ASCENT INDUSTRIES CO. 401(K) PLAN

Employer Identification Number: ▶

57-0426694

For plan year (beginning/ending): ▶

01/01/2024 - 12/31/2024

Plan number: ▶ 003

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par or maturity value	(d) Cost	(e) Current value
*	T. ROWE PRICE GOVERNMENT MONEY INV	INTEREST-BEARING CASH		\$18,612.00
*	T. ROWE PRICE STABLE VALUE E	COMMON COLLECTIVE TRUST		\$2,062,267.00
*	T. ROWE PRICE RETIREMENT 2005 TR-E	MUTUAL FUND		\$2,065.00
*	T. ROWE PRICE RETIREMENT 2010 TR-E	MUTUAL FUND		\$275,406.00
*	T. ROWE PRICE RETIREMENT 2015 TR-E	MUTUAL FUND		\$600,567.00
*	T. ROWE PRICE RETIREMENT 2020 TR-E	MUTUAL FUND		\$1,453,346.00
*	T. ROWE PRICE RETIREMENT 2025 TR-E	MUTUAL FUND		\$3,914,880.00
*	T. ROWE PRICE RETIREMENT 2030 TR-E	MUTUAL FUND		\$6,033,673.00
*	T. ROWE PRICE RETIREMENT 2035 TR E	MUTUAL FUND		\$3,692,642.00
*	T. ROWE PRICE RETIREMENT 2040 TR-E	MUTUAL FUND		\$4,617,154.00
*	T. ROWE PRICE RETIREMENT 2045 TR-E	MUTUAL FUND		\$1,940,556.00
*	T. ROWE PRICE RETIREMENT 2050 TR-E	MUTUAL FUND		\$1,307,492.00
*	T. ROWE PRICE RETIREMENT 2055 TR-E	MUTUAL FUND		\$1,140,569.00
*	T. ROWE PRICE RETIREMENT 2060 TR-E	MUTUAL FUND		\$588,768.00
*	T. ROWE PRICE RETIREMENT 2065 TR-E	MUTUAL FUND		\$192,724.00
*	T. ROWE PRICE RETIREMENT BALANCED TR-E	MUTUAL FUND		\$1,449.00
	AB US LARGE CAP GROWTH (W SERS) CL L	MUTUAL FUND		\$140,709.00
	AMERICAN BEACON SMALL CAP VALUE R6	MUTUAL FUND		\$15,730.00
	AMERICAN FUNDS EUROPACIFIC GROWTH R6	MUTUAL FUND		\$7,344.00
	FIDELITY 500 INDEX	MUTUAL FUND		\$170,102.00
	FIDELITY TOTAL INTL INDEX	MUTUAL FUND		\$7,388.00
	JANUS HENDERSON TRITON N	MUTUAL FUND		\$5,049.00
	PGIM TOTAL RETURN BOND R6	MUTUAL FUND		\$55,174.00
	PRINCIPAL EQUITY INCOME TIER A-1	MUTUAL FUND		\$4,851.00
	VANGUARD MID CAP INDEX	MUTUAL FUND		\$23,239.00
	VANGUARD SMALL CAP INDEX ADM	MUTUAL FUND		\$12,561.00
	VANGUARD TOTAL BOND MKT INDEX	MUTUAL FUND		\$59,884.00
	PARTICIPANT LOANS	LOW-HIGH INTEREST RATE 3.25% - 9.50%		\$678,456.00