

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2023 This Form is Open to Public Inspection
--	---	---

Part I	Annual Report Identification Information
For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023	
A	This return/report is for: ☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must provide participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____ ☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C	If the plan is a collectively-bargained plan, check here. ▶ ☐
D	Check box if filing under: ☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)
E	If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. ▶ ☐

Part II	Basic Plan Information—enter all requested information
1a	Name of plan AICHE TAX DEFERRED SAVINGS PLAN
1b	Three-digit plan number (PN) ▶ 003
1c	Effective date of plan 01/01/2002
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) AMERICAN INSTITUTE OF CHEMICAL ENGINEERS 120 WALL ST. FLOOR 23 NEW YORK, NY 10005
2b	Employer Identification Number (EIN) 13-1623892
2c	Plan Sponsor's telephone number 646-495-1385
2d	Business code (see instructions) 813000

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

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

SIGN HERE	Filed with authorized/valid electronic signature.	10/14/2024	JAMAL SALIM
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/14/2024	JAMAL SALIM
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN 3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name	4b EIN 4d PN
5 Total number of participants at the beginning of the plan year	5 178
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits f Total. Add lines 6d and 6e g(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) g(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	6a(1) 121 6a(2) 117 6b 0 6c 68 6d 185 6e 0 6f 185 6g(1) 175 6g(2) 181 6h 7
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:

2F 2G 2L 2M 2R 2T

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

9a Plan funding arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
--	--

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

a Pension Schedules

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

b General Schedules

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

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

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

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

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

11c Enter the Receipt Confirmation Code for the 2023 Form M-1 annual report. If the plan was not required to file the 2023 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2023 This Form is Open to Public Inspection
--	--	--

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan AICHE TAX DEFERRED SAVINGS PLAN	B Three-digit plan number (PN) ▶	003
C Plan sponsor's name as shown on line 2a of Form 5500 AMERICAN INSTITUTE OF CHEMICAL ENGINEERS	D Employer Identification Number (EIN) 13-1623892	

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

1 Coverage Information:

(a) Name of insurance carrier
TIAA-CREF

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
13-1624203	69345	408109	59	01/01/2023	12/31/2023

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

(a) Total amount of commissions paid	(b) Total amount of fees paid

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4 Current value of plan's interest under this contract in the general account at year end	4	4174038
5 Current value of plan's interest under this contract in separate accounts at year end.....	5	116577

6 Contracts With Allocated Funds:**a** State the basis of premium rates ▶**b** Premiums paid to carrier**6b****c** Premiums due but unpaid at the end of the year.....**6c****d** If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount.**6d**

Specify nature of costs ▶

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity(3) ☐ other (specify) ▶**f** If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ☐**7** Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)**a** Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee(3) ☒ guaranteed investment (4) ☐ other ▶**b** Balance at the end of the previous year**7b**

4361295

c Additions: (1) Contributions deposited during the year**7c(1)**

223463

(2) Dividends and credits

7c(2)

(3) Interest credited during the year

7c(3)

121366

(4) Transferred from separate account.....

7c(4)

29805

(5) Other (specify below)

7c(5)

2064

▶ MISCELLANEOUS CREDITS, INCLUDING INVESTMENT GAINS AND TRANSFERS FROM FULLY ALLOCATED CONTRACTS

(6) Total additions.....

7c(6)

376698

d Total of balance and additions (add lines **7b** and **7c(6)**)**7d**

4737993

e Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year

7e(1)

393514

(2) Administration charge made by carrier

7e(2)

7971

(3) Transferred to separate account.....

7e(3)

154936

(4) Other (specify below)

7e(4)

7534

▶ MISCELLANEOUS DEBITS, INCLUDING INVESTMENT LOSSES AND TRANSFERS TO FULLY ALLOCATED CONTRACTS

(5) Total deductions.....

7e(5)

563955

f Balance at the end of the current year (subtract line **7e(5)** from line **7d**)**7f**

4174038

Part III Welfare Benefit Contract Information

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

8 Benefit and contract type (check all applicable boxes)

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

9 Experience-rated contracts:

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

10 Nonexperience-rated contracts:

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

Specify nature of costs.

Part IV Provision of Information

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

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

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

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023

A Name of plan AICHE TAX DEFERRED SAVINGS PLAN	B Three-digit plan number (PN) ▶ 003
C Plan sponsor's name as shown on line 2a of Form 5500 AMERICAN INSTITUTE OF CHEMICAL ENGINEERS	D Employer Identification Number (EIN) 13-1623892

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).....

X

YesNo
- 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
TIAA	
13-1624203	

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

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

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

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

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

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

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

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

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

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

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

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

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

TIAA

13-1624203

(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 17 27 28 38 50 52 54 64 66	NONE	16761	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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

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

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

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

Part I Service Provider Information (continued)

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

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

Part II Service Providers Who Fail or Refuse to Provide Information

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

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

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

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2023
		This Form is Open to Public Inspection

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan AICHE TAX DEFERRED SAVINGS PLAN	B Three-digit plan number (PN) ▶	003
C Plan sponsor's name as shown on line 2a of Form 5500 AMERICAN INSTITUTE OF CHEMICAL ENGINEERS		
		D Employer Identification Number (EIN) 13-1623892

Part I	Asset and Liability Statement		
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.			
	Assets	(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)		
(2) Participant contributions	1b(2)		
(3) Other	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)	116853	129671
(9) Value of interest in common/collective trusts	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	18534611	22441993
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)	4361295	4174038
(15) Other	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	23012759	26745702
Liabilities			
g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0
Net Assets			
l Net assets (subtract line 1k from line 1f)	1l	23012759	26745702

Part II Income and Expense Statement

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

Income		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	1312138	
(B) Participants	2a(1)(B)	847594	
(C) Others (including rollovers)	2a(1)(C)		
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		2159732
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	8187	
(F) Other	2b(1)(F)	121366	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		129553
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	590919	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		590919
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts.....	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts.....	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts.....	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		2786417
c Other income	2c		5135
d Total income. Add all income amounts in column (b) and enter total	2d		5671756

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	1912418	
(2) To insurance carriers for the provision of benefits.....	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		1912418
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		9634
h Interest expense	2h		
i Administrative expenses:			
(1) Salaries and allowances	2i(1)		
(2) Contract administrator fees.....	2i(2)		
(3) Recordkeeping fees.....	2i(3)	16263	
(4) IQPA audit fees.....	2i(4)		
(5) Investment advisory and investment management fees	2i(5)	498	
(6) Bank or trust company trustee/custodial fees	2i(6)		
(7) Actuarial fees	2i(7)		
(8) Legal fees	2i(8)		
(9) Valuation/appraisal fees	2i(9)		
(10) Other trustee fees and expenses	2i(10)		
(11) Other expenses	2i(11)		
(12) Total administrative expenses. Add lines 2i(1) through (11)	2i(12)		16761
j Total expenses. Add all expense amounts in column (b) and enter total	2j		1938813

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		3732943
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

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

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

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

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

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

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

(1) Name: **CBIZ CPAS P.C.**

(2) EIN: **43-1947695**

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

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

Part IV Compliance Questions

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

During the plan year:

	Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)	☒	☐	305953
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)	☐	☒	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)	☐	☒	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)	☐	☒	
e Was this plan covered by a fidelity bond?	☒	☐	1000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	☐	☒	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?	☐	☒	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?	☐	☒	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	☒	☐	
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)	☐	☒	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	☐	☒	
l Has the plan failed to provide any benefit when due under the plan?	☐	☒	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	☐	☒	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.	☐	☐	

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

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

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

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

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

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2023 This Form is Open to Public Inspection.
For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan AICHE TAX DEFERRED SAVINGS PLAN		B Three-digit plan number (PN) ▶ 003
C Plan sponsor's name as shown on line 2a of Form 5500 AMERICAN INSTITUTE OF CHEMICAL ENGINEERS		D Employer Identification Number (EIN) 13-1623892
Part I	Distributions	
All references to distributions relate only to payments of benefits during the plan year.		
1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....		1 0
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 82-2826183		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year		3
Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)	
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ☐ Yes ☐ No ☐ N/A If the plan is a defined benefit plan, go to line 8.		
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)		6a
b Enter the amount contributed by the employer to the plan for this plan year		6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount)		6c
If you completed line 6c, skip lines 8 and 9.		
7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ☐ Yes ☐ No ☐ N/A		
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ☐ Yes ☐ No ☐ N/A		
Part III	Amendments	
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box. ☐ Increase ☐ Decrease ☐ Both ☐ No		
Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.	
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?..... ☐ Yes ☐ No		
11 a Does the ESOP hold any preferred stock? ☐ Yes ☐ No		
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.) ☐ Yes ☐ No		
12 Does the ESOP hold any stock that is not readily tradable on an established securities market? ☐ Yes ☐ No		
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2023 v. 230707		

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

14 Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for: a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment) b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment) c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14a 14b 14c	
15 Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to: a The corresponding number for the plan year immediately preceding the current plan year b The corresponding number for the second preceding plan year	15a 15b	
16 Information with respect to any employers who withdrew from the plan during the preceding plan year: a Enter the number of employers who withdrew during the preceding plan year b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	16a 16b	
17 If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment..... ☐		

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

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 <u>08 / 07 / 2017</u> (MM/DD/YYYY) and the Opinion Letter serial number <u>J500954A</u> .	



AICHE TAX DEFERRED SAVINGS PLAN

**FINANCIAL STATEMENTS AND
SUPPLEMENTAL SCHEDULES**
(Together with Independent Auditors' Report)

YEARS ENDED DECEMBER 31, 2023 AND 2022

TABLE OF CONTENTS

	<u>Page</u>
Independent Auditors' Report	1-3
Financial Statements:	
Statements of Net Assets Available for Benefits	4
Statements of Changes in Net Assets Available for Benefits	5
Notes to Financial Statements	6-12
Supplemental Schedules:	
Schedule H, Line 4i – Schedule of Assets (Held at End of Year)	13
Schedule H, Line 4a – Schedule of Delinquent Participant Contributions	14

All other schedules are omitted as they are not applicable or are not required based on the disclosure requirements of the Employee Retirement Income Security Act of 1974 ("ERISA"), as amended, and applicable regulations issued by the Department of Labor ("DOL").



INDEPENDENT AUDITORS' REPORT

To the Board of Directors of the American Institute of Chemical Engineers
as Sponsor of the AIChE Tax Deferred Savings Plan

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

We have performed the audits of the financial statements of The AIChE Tax Deferred Savings Plan ("the Plan"), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 ("ERISA"), as permitted by ERISA Section 103(a)(3)(C) ("ERISA Section 103(a)(3)(C) audit"). The financial statements comprise the statements of net assets available for benefits as of December 31, 2023 and 2022, and the related statements of changes in net assets available for benefits for the years then ended, and the related notes to the financial statements.

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

Management has obtained certifications from qualified institutions as of December 31, 2023 and 2022, and for the years then ended, 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 Auditors' Responsibilities for the Audit of the Financial Statements section:

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

Basis for Opinion

We conducted our 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 Auditors' Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements

CBIZ CPAs P.C.
685 Third Avenue
New York, NY 10017

Phone: 212.503.8800
cbizcpas.com



relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the Financial Statements

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

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

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

Auditors' Responsibilities for the 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 auditors' 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 these financial statements.

In performing an audit in accordance with GAAS, we:

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



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

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

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

Other Matter - Supplemental Schedules Required by ERISA

The supplemental Schedule of Assets (Held at End of Year) as of December 31, 2023 and the Schedule of Delinquent Participant Contributions for the year then ended, are presented for purposes of additional analysis and are not a required part of the financial statements but are supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedules, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedules that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

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

In our opinion:

- The form and content of the supplemental schedules, other than the information in the supplemental schedules that agreed to or is derived from the certified investment information, are presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.
- The information in the supplemental schedules related to assets held by (See note 3) 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).

CBIZ CPAs P.C.¹

New York, New York
October 11, 2024

¹In certain jurisdictions, CBIZ CPAs P.C. operates under its previous name, Mayer Hoffman McCann P.C.

AICHE TAX DEFERRED SAVINGS PLAN
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
AS OF DECEMBER 31, 2023 AND 2022

	<u>2023</u>	<u>2022</u>
ASSETS		
Investments, at fair value (Notes 2E, 3 and 5)	\$ 22,441,993	\$ 18,534,611
Fully benefit-responsive investment contracts, at contract value (Notes 2E, 3 and 4)	<u>4,174,038</u>	<u>4,361,295</u>
Total investments	<u>26,616,031</u>	<u>22,895,906</u>
Receivables:		
Notes receivable from participants (Notes 1H, 2F and 3)	<u>129,671</u>	<u>116,853</u>
Total receivables	<u>129,671</u>	<u>116,853</u>
NET ASSETS AVAILABLE FOR BENEFITS	<u><u>\$ 26,745,702</u></u>	<u><u>\$ 23,012,759</u></u>

AICHE TAX DEFERRED SAVINGS PLAN
STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
FOR THE YEARS ENDED DECEMBER 31, 2023 AND 2022

	<u>2023</u>	<u>2022</u>
ADDITIONS TO NET ASSETS ATTRIBUTED TO:		
Investment activity (Notes 2E and 3):		
Net appreciation (depreciation) in fair value of investments	\$ 2,786,417	\$ (4,361,687)
Dividends	590,919	645,641
Interest income	121,366	63,696
Total investment activity	<u>3,498,702</u>	<u>(3,652,350)</u>
Interest income on notes receivable from participants (Note 2F)	<u>8,187</u>	<u>6,580</u>
Contributions (Note 1D):		
Participants	847,594	782,993
Rollovers	-	2,694,357
Sponsor (Note 1K)	<u>1,312,138</u>	<u>1,280,132</u>
	<u>2,159,732</u>	<u>4,757,482</u>
Other Income	5,135	-
Total Additions	<u>5,671,756</u>	<u>1,111,712</u>
DEDUCTIONS FROM NET ASSETS ATTRIBUTED TO:		
Distributions to participants (Notes 1I and 2C)	1,912,418	1,992,040
Deemed distributions of participant loans (Note 2F)	9,634	60,199
Administrative expenses (Notes 2D and 6)	<u>16,761</u>	<u>13,909</u>
Total Deductions	<u>1,938,813</u>	<u>2,066,148</u>
NET INCREASE (DECREASE)	3,732,943	(954,436)
Net assets available for benefits:		
Beginning of Year	<u>23,012,759</u>	<u>23,967,195</u>
End of Year	<u>\$ 26,745,702</u>	<u>\$ 23,012,759</u>

**AICHE TAX DEFERRED SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023 AND 2022**

NOTE 1 — DESCRIPTION OF THE PLAN

The following brief description of the AIChE Tax Deferred Savings Plan (the “Plan”) is provided for general information purposes only. Readers should refer to the Plan agreement for more complete information.

- A. **General** – The Plan was established by the American Institute of Chemical Engineers (the “Sponsor”) on January 1, 2002 and was amended and restated effective as of January 1, 2021. The Plan consists of a tax deferred annuity plan covering qualified employees of the Sponsor. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (“ERISA”).
- B. **Administration** – The Plan is administered by the Sponsor, which serves without compensation. The Plan administrator has the overall responsibility and authority as the named fiduciary to manage and control the operations and administration of the Plan and may designate one or more individuals to perform those responsibilities.
- C. **Eligibility** – All employees are eligible to participate in the Plan for purposes of making salary deferral (pre-tax) contributions to the Plan. Employees are eligible for the employer matching contributions after completing 500 hours within six months of service, beginning with the day of the month coinciding with or immediately following eligibility. Employees who normally work less than 20 hours per week are not eligible for the employer matching contributions.
- D. **Contributions** – Each year participants may contribute up to 100% of their pre-tax annual compensation as defined in the Plan document. Contributions are subject to certain Internal Revenue Code (“IRC”) limitations. Participants who have attained age 50 before the end of the Plan year are eligible to make catch-up contributions. The Sponsor is required to make a matching contribution of 100% up to 3% of a participant’s compensation contributed to the Plan, as defined by the Plan document. Additionally, the Plan also provides for non-contributory employer discretionary contributions of 7% based on the employee’s total compensation up to the Social Security Taxable Wage Base for the calendar year and 12.7% of the eligible participant’s total compensation in excess of the Social Security Taxable Wage Base up to the IRC limitations. The Plan allows for direct rollovers from other qualified 401(a) and 403(b) plans and Traditional Individual Retirement Accounts.
- E. **Investment Options** – Upon enrollment in the Plan, participants may direct their allocation of basic, matching and discretionary contributions with Teachers Annuity Association of America (“TIAA”), between several investment options provided by the Plan. Participants may change their investment options at any time.
- F. **Participant Accounts** – Each participant’s account is credited with the participant’s contributions, related Sponsor matching and discretionary contributions, and Plan earnings (losses), and charged with an allocation of administrative expenses, if not paid by the Sponsor. Allocations are based on participant earnings or account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant’s vested account.
- G. **Vesting Requirements** – Participants are immediately fully vested in their voluntary contributions, including catch-up contributions, rollover contributions from other plans and earnings thereon under the 403(b) option of the Plan. Participants are fully vested in the Sponsor matching and discretionary contributions and earnings after two full years of service. For vesting purposes, the Plan defines a year of service as an employer year in which a participant is credited with 1,000 hours. Participants are also 100% vested in the employer matching and discretionary funds upon attaining the Plan’s normal retirement age of 65, becoming permanently disabled or dying while employed by the Sponsor.

**AICHE TAX DEFERRED SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023 AND 2022**

NOTE 1 – DESCRIPTION OF THE PLAN (Continued)

- H. **Notes Receivable from Participants** – Participant loans are issued directly from their funds account held by TIAA. Adequate security is required, and a portion of the participant's account is reserved, or held as collateral, to cover 110% of the outstanding loan balance. Participants may borrow a minimum of \$1,000 up to a maximum equal to the lesser of (i) \$50,000; or (ii) 50% of the amount of the participant's vested balance. A participant may not have more than three loans outstanding at any time. No new loans may be made to a participant at a time when he or she is in default on any payment required to be made on a previous loan. The loans which are collateralized by the balance in the participant's account may bear interest rates that are fixed or variable, which is dependent on the initial rate of the controlling contract. Loans held have interest rates ranging from 3.25% to 9.50%, with maturities through September 2035 as of December 31, 2023.
- I. **Benefits Paid to Participants** – Upon termination of service due to death, disability, or retirement, a participant may elect to receive either a lump-sum amount, equal to the value of the participant's vested interest in his or her account, or an annuity. For termination of service for other reasons, distribution of the value of the participant's vested interest in his or her account will begin as soon as possible after the participant's request. The Plan may make involuntary cash-out distributions of account balances of terminated vested participants of \$1,000 or less. Amounts that are above \$1,000, but not more than \$5,000, will be subject to the applicable automatic IRA rollover requirement of IRC Section 401(a)(31)(B). Participants are required to take a minimum distribution on April 1 of the calendar year following the later of the calendar year in which he or she attains age 73 or retires.
- J. **Hardship Withdrawals** – Under certain conditions, participants, while still employed by the Sponsor, are permitted to withdraw, in a single sum, the employee contribution portion of their account balance. These conditions include unreimbursed medical expenses, the purchase of the participant's principal residence, the payment of postsecondary education tuition, the payment of burial or funeral costs of immediate family members, the unreimbursed payment of natural disaster clean-up on the participant's principal residence, or to prevent eviction or foreclosure from the participant's principal residence.
- K. **Forfeitures** – If a participant terminates employment with the Sponsor (other than by reason of attainment of normal retirement age, disability or death), the unvested portion of contributions will be considered a forfeiture. Forfeitures will be first used to reinstate participant accounts as applicable, then to pay Plan expenses, if any, and then to reduce future employer contributions to the Plan.

As of December 31, 2023, the forfeitures suspense account had an ending balance of \$7,126 and is invested in the TIAA Stable Value Fund. During the year ended December 31, 2023, \$6,986 worth of balances were forfeited.

L. **Secure Act Provisions**

The Setting Every Community Up for Retirement Enhancement Act of 2019 (SECURE 1.0 Act) became law on December 20, 2019. The SECURE Act made major changes to the Required Minimum Distribution ("RMD") rules, increasing the age from 70 ½ to 72 to participants over 72 after January 1, 2020. Plans were required to be formally amended for certain other changes if adopted on or before the last day of the 2023 plan year.

The SECURE Act 2.0 (SECURE 2.0) was signed into law in December 2022, delivering dozens of new retirement-related provisions. These changes build on the original SECURE Act of 2019, which altered the rules around how employees can save and withdraw money from their retirement accounts. SECURE 2.0 further increased the age of RMDs, increased the catch-up contributions for older workers and required automatic enrollment for new plans.

**AICHE TAX DEFERRED SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023 AND 2022**

NOTE 1 — DESCRIPTION OF THE PLAN (Continued)

The SECURE 2.0 Act increased the age at which individuals must begin taking RMDs to 73 from 72, beginning January 1, 2023, as well as other increases starting in 2030. The SECURE 2.0 Act increases the limit for catch-up contributions for individuals ages 60 to 63, effective for taxable years beginning after December 31, 2024.

In addition, the SECURE 1.0 Act and further by the SECURE 2.0 Act lowered the eligibility requirements to enable part-time workers to participate in 401(k) plans. These rules for long-term, part-time workers are expanded to apply to ERISA 403(b) plans, as well. The SECURE 2.0 Act changes the eligibility requirements under 401(k) so that it is easier for part-time employees to participate in them. The enacted law, the SECURE 1.0 Act, allows plans to limit eligibility for participation of part-time employees who reach the later of: (1) age 21 or completion of one 12-month period in which the employee worked at least 1,000 hours (pre-SECURE 1.0 Act rule); or (2) three consecutive years of service with 500 or more hours in each year. Under the SECURE 2.0 Act, a plan must allow a part-time employee to participate if the employee has either satisfied the above rule #1, or if the employee has completed two consecutive 12-month periods in which the employee worked at least 500 hours in each one of the two periods and reached age 21 by the end of the second 12-month period.

NOTE 2 — SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

- A. **Basis of Accounting** – The Plan prepares its financial statements adhering to accounting principles generally accepted in the United States of America (“U.S. GAAP”) and uses the accrual basis of accounting.
- B. **Use of Estimates** – The preparation of financial statements in conformity with U.S. GAAP requires the Plan administrator 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 may differ from those estimates.
- C. **Payment of Benefits** – Benefits are recorded when paid.
- D. **Expenses** – The Sponsor pays certain expenses related to the Plan. Expenses that are paid by the Plan Sponsor are excluded from these financial statements. Fees related to the administration of notes receivable from participants are charged directly to the participant's account and are included in administrative expenses. The administrative expenses incurred by the funds are paid out of investor assets and are, therefore, netted into net appreciation (depreciation) in fair value of investments in the statements of changes in net assets available for benefits.
- E. **Investment Valuation and Income Recognition** – Investments, except for fully benefit-responsive investment contracts, 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. See Note 5 for a discussion of fair value measurements.

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

Investment contracts which are non-benefit-responsive are reported at fair value. Investment contracts which are fully benefit-responsive are reported at contract value. Contract value is the relevant measurement attribute for that portion of net assets available for benefits that are considered to be benefit-responsive. The contract value equals the accumulated cash contributions made under the contract, plus interest credited to the contract, less withdrawals and administrative expenses.

**AICHE TAX DEFERRED SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023 AND 2022**

NOTE 2 — SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

- F. **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 the 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, 2023 and 2022, since the Sponsor deemed it not necessary after evaluating criteria such as prior loss history, creditworthiness of the individual, etc. If a participant ceases to make loan repayments and the Plan administrator deems the participant loan to be in default, the participant loan balance is reduced and a benefit payment is recorded, as a deemed distribution of participant loans.

NOTE 3 — INVESTMENTS – INFORMATION PREPARED AND CERTIFIED BY THE CUSTODIANS AS COMPLETE AND ACCURATE

As noted in the independent auditors' report, the Plan administrator has elected the method of compliance in accordance with ERISA Section 103(a)(3)(c) pursuant to 29 CFR 2520.103-8 of the Department of Labor's ("DOL") *Rules and Regulations for Reporting and Disclosure* under ERISA. Accordingly, as permitted under such election, the following information and the information contained in the supplemental schedule was certified as complete and accurate by TIAA, as insurance carrier and trustee, and was not subjected to any auditing procedures performed by the independent auditors except for comparing such information to information included in the Plan's financial statements.

TIAA has certified to the completeness and accuracy of the investments and notes receivable included in the financial statements as of December 31, 2023 and 2022, and the investment activity included in the financial statements for the years ended December 31, 2023 and 2022, as summarized below:

	<u>2023</u>	<u>2022</u>
Mutual funds	\$ 16,851,017	\$ 14,023,711
TIAA-CREF funds	<u>5,590,976</u>	<u>4,510,900</u>
Total investments, at fair value	<u>\$ 22,441,993</u>	<u>\$ 18,534,611</u>
Fully benefit-responsive investment contracts:		
TIAA Stable Value Fund	<u>\$ 4,174,038</u>	<u>\$ 4,361,295</u>

Investments for the Plan are subject to market volatility conditions that could substantially change their carrying values in the near term.

Investment activity consisted of the following for the years ended December 31:

	<u>2023</u>	<u>2022</u>
Net appreciation (depreciation) in fair value of investments	\$ 2,786,417	\$ (4,361,687)
Dividends	590,919	645,641
Interest income	<u>121,366</u>	<u>63,696</u>
	<u>\$ 3,498,702</u>	<u>\$ (3,652,350)</u>
Interest income on notes receivable from participants	<u>\$ 8,187</u>	<u>\$ 6,580</u>

Notes receivable from participants of \$129,671 and \$116,853 as of December 31, 2023 and 2022, respectively, and interest income on notes receivable from participants of \$8,187 and \$6,580 for the years then ended, have also been certified by the custodian.

**AICHE TAX DEFERRED SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023 AND 2022**

NOTE 4 — INSURANCE COMPANY CONTRACTS

TIAA Stable Value Fund

The TIAA Stable Value Fund (“TIAA Stable Value”) is a fixed-rate group annuity contract offered by TIAA, an insurance company. Contributions are maintained in a nonunitized separate account of TIAA and buy a contractual or guaranteed amount of future benefits for the participant. Allocations to the TIAA Stable Value annuity are backed by the value of the assets in the separate account and, if insufficient, by TIAA’s claims-pay ability. TIAA Stable Value is immediately liquid to participants and does not have participant-level withdrawal restrictions. There are, however, “equity wash” provisions that prevent the immediate transfer of amounts to any competing funds available in the Plan; as such, it is a benefit-responsive contract. The contract provides a guaranteed minimum rate of interest of between 1% and 3% before deductions for contract fees with the potential for crediting of additional interest above the guaranteed minimum.

The average crediting rate amounted to 2.80% for the year ended December 31, 2023.

NOTE 5 — FAIR VALUE MEASUREMENTS

Financial Accounting Standards Board (“FASB”) Accounting Standards Codification (“ASC”) 820, *Fair Value Measurement*, provides the framework for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3).

The three levels of the fair value hierarchy under FASB ASC 820 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 assets 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 measurements.

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 used need to maximize the use of 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, 2023 and 2022.

**AICHE TAX DEFERRED SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023 AND 2022**

NOTE 5 — FAIR VALUE MEASUREMENTS (Continued)

TIAA-CREF Funds

The TIAA-CREF Funds are part of a Delaware statutory trust registered with the Securities and Exchange Commission ("SEC") under the Investment Company Act of 1940 as an open-end management investment company. Each fund is a separate portfolio with its own investment objective and strategies. Investments in a fund enable a shareholder to acquire shares whose net asset value ("NAV") is calculated each business day. The value of a shareholder's investment is based upon the returns on the underlying assets in the Fund's portfolio. Daily unit values are listed on NASDAQ. To reduce market timing and excessive trading, shareholders will be locked out of a fund for 90 days if a sale/exchange, repurchase and resale/exchange within that fund is made within a 60-day period other than for the TIAA-CREF Money Market Fund or the TIAA-CREF Short-Term Bond Fund.

Mutual Funds:

Mutual funds are 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 SEC. These funds are required to publish their daily NAV and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

Financial assets carried at fair value were classified in the table below as Level 1 at December 31:

	<u>2023</u>	<u>2022</u>
Investments:		
TIAA-CREF funds	\$ 5,590,976	\$ 4,510,900
Mutual funds	<u>16,851,017</u>	<u>14,023,711</u>
Total assets at fair value	<u>\$ 22,441,993</u>	<u>\$ 18,534,611</u>

NOTE 6 — RELATED-PARTY TRANSACTIONS AND PARTY-IN-INTEREST TRANSACTIONS

Certain Plan investments are managed by TIAA. TIAA is the insurance carrier as defined by the Plan and, therefore, these transactions qualify as party-in-interest transactions. Fees incurred by the Plan for the investment management services are included in net appreciation (depreciation) in fair value of investments, as they are paid through revenue sharing, rather than a direct payment. Fees incurred by the Plan for administrative services are reflected as administrative expenses in the accompanying financial statements and amounted to \$16,761 and \$13,909 for the years ended December 2023 and 2022, respectively.

NOTE 7 — TAX STATUS

The Plan has adopted the Volume Submitter Plan, which has been determined by the Internal Revenue Service ("IRS"), in an opinion letter issued to TIAA dated August 7, 2017, to be in accordance with the applicable section of the IRC. The Sponsor adopted the Volume Submitter Plan on August 20, 2021, which is the date the adoption agreement was signed making the restated Plan effective from January 1, 2021. The Plan administrator believes that the Plan is currently being operated in accordance with the IRC.

U.S. 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 applicable authorities. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

**AICHE TAX DEFERRED SAVINGS PLAN
NOTES TO FINANCIAL STATEMENTS
DECEMBER 31, 2023 AND 2022**

NOTE 8 — PLAN TERMINATION

Although it has not expressed any intent to do so, the Sponsor 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 accounts.

NOTE 9 — RISKS AND UNCERTAINTIES

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits.

NOTE 10 — DELINQUENT PARTICIPANT CONTRIBUTIONS

In accordance with the DOL's Regulation 2510.3102, an employer is required to segregate participants' contributions from its general assets as soon as practical, but in no event more than the 15th business day following the end of the month in which amounts are contributed by participants or withheld from their wages for a pension benefit plan such as the 403 (b) Plan. The Employer failed to timely remit participants' contributions withheld during the year ended December 31, 2023. The Employer has agreed to absorb any costs incurred by the Plan as a result of the untimely remittance of the participants' accounts. The Plan corrected the delinquency in December 2023.

NOTE 11 — SUBSEQUENT EVENTS

Management has evaluated subsequent events through October 11, 2024, the date the financial statements were available to be issued.

AICHE TAX DEFERRED SAVINGS PLAN
SCHEDULE H, LINE 4i
SCHEDULE OF ASSETS (HELD AT END OF YEAR)
EIN: 13-1623892 PLAN: 003
DECEMBER 31, 2023

(a)	Identity of Issuer, Borrower, Lessor or Similar Party (b)	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value (c)	Cost ** (d)	Current Value (e)
		Investment Contracts:		
*	TIAA Stable Value Fund	Fully Benefit-Responsive Investment Contract		\$ 4,174,038
		TIAA-CREF Funds		
*	TIAA-CREF	CREF Social Choice R1		116,577
*	TIAA-CREF	TIAA-CREF Intl Eq Indx-Rtmt		1,219,196
*	TIAA-CREF	TIAA-CREF Intl Opps-Rtmt		135,910
*	TIAA-CREF	TIAA-CREF Lfcycle Idx 2025-Rtmt		3,246,568
*	TIAA-CREF	TIAA-CREF Lfcycle Idx 2030-Rtmt		6,225
*	TIAA-CREF	TIAA-CREF Lfcycle Idx 2035-Rtmt		28,843
*	TIAA-CREF	TIAA-CREF Lfcycle Idx 2040-Rtmt		38,111
*	TIAA-CREF	TIAA-CREF Lfcycle Idx 2045-Rtmt		170,221
*	TIAA-CREF	TIAA-CREF Lfcycle Idx 2050-Rtmt		22,481
*	TIAA-CREF	TIAA-CREF Lfcycle Idx 2055-Rtmt		254,464
*	TIAA-CREF	TIAA-CREF Lfcycle Idx 2060-Rtmt		159,768
*	TIAA-CREF	TIAA-CREF Lfcycle Idx 2065-Rtmt		23,715
*	TIAA-CREF	TIAA-CREF Sm-Cap BI Idx-Rtmt		168,897
				<u>5,590,976</u>
		Mutual Funds		
	American Funds	American Funds New World R4		137,924
	American Funds	American Funds Inf Lnked Bd R5E		615,033
	Dodge & Cox	Dodge & Cox Income Fund		2,015,309
	Invesco	Invesco Discovery Y		2,091,702
	Janus Henderson	Janus Henderson Enterprise T		371,093
	JP Morgan	JPMorgan Small Cap Growth R4		63,787
***	T. Rowe Price	T. Rowe Price Equity Index 500		6,242,839
	T. Rowe Price	T. Rowe Price Mid Cap Value		1,774,434
	T. Rowe Price	T. Rowe Price Value		1,447,054
	Vanguard	Vanguard Federal Money Mkt Inv		1,110,949
	Vanguard	Vanguard High-Yield Corp Adm		980,893
				<u>16,851,017</u>
		Total investments		<u>\$ 26,616,031</u>
*	Notes receivable from participants	Interest rates of 3.25% to 9.5%, maturity dates through 2035	\$ -	<u>\$ 129,671</u>

* Indicates party-in-interest to the Plan.

** All investments and investment contracts are participant-directed and therefore the cost can be excluded.

*** Investment held greater than 15% of portfolio balance.

AICHE TAX DEFERRED SAVINGS PLAN
SCHEDULE H, LINE 4a
SCHEDULE OF DELINQUENT PARTICIPANT CONTRIBUTIONS
EIN: 13-1623892 PLAN: 003
DECEMBER 31, 2023

Participant Contributions Transferred Late to the Plan	Total that Constitutes Nonexempt Prohibited Transactions				Total Fully Corrected Under VFCP and Prohibited Transaction Exemption ("PTE") 2002-51
Check Here if Late Participant Loan Repayments Are Included	Date of Prohibited Transaction	Contributions Not Corrected	Contributions Corrected Outside of Voluntary Fiduciary Correction Program ("VFCP")	Contributions Pending Correction in VFCP	
☐	1/23/2023	\$ 33,329	\$ -	\$ 33,329	\$ -
☐	4/21/2023	33,415	-	33,415	-
☐	5/5/2023	33,535	-	33,535	-
☐	5/22/2023	32,693	-	32,693	-
☐	6/2/2023	100	-	100	-
☐	6/6/2023	34,890	-	34,890	-
☐	7/7/2023	35,642	-	35,642	-
☐	9/7/2023	34,556	-	34,556	-
☐	9/25/2023	34,713	-	34,713	-
☐	12/21/2023	33,079	-	33,079	-
	Total	\$ 305,953	\$ -	\$ 305,953	\$ -

Plan Name	AIChE Tax Deferred Savings Plan
Plan Sponsor EIN	13-1623892
ERISA Plan #	003
Plan Year Ending	December 31, 2023

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

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

Plan Name	AIChE Tax Deferred Savings Plan
Plan Sponsor EIN	13-1623892
ERISA Plan #	003
Plan Year Ending	December 31, 2023

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

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

Plan Name	AIChE Tax Deferred Savings Plan
Plan Sponsor EIN	13-1623892
ERISA Plan #	003
Plan Year Ending	December 31, 2023

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

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