

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 2022 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A	This return/report is for: ☒ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☐ a single-employer plan ☐ a DFE (specify) _____
B	This return/report is: ☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C	If the plan is a collectively-bargained plan, check here. ☒
D	Check box if filing under: ☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)
E	If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. ☐

Part II	Basic Plan Information—enter all requested information
1a	Name of plan IUOE LOCAL 478 ANNUITY FUND
1b	Three-digit plan number (PN) ▶ 001
1c	Effective date of plan 01/26/1988
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) BOARD OF TRUSTEES IUOE LOCAL 478 ANNUITY FUND 1965 DIXWELL AVENUE HAMDEN, CT 06514-2400
2b	Employer Identification Number (EIN) 06-1230516
2c	Plan Sponsor's telephone number 203-288-9261
2d	Business code (see instructions) 237310

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.	08/21/2023	GARRY GYENIZS
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	09/05/2023	JASON TRAVELSTEAD
	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 4749
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d).		
a(1) Total number of active participants at the beginning of the plan year		6a(1) 4541
a(2) Total number of active participants at the end of the plan year		6a(2) 4723
b Retired or separated participants receiving benefits		6b 41
c Other retired or separated participants entitled to future benefits.....		6c 331
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d 5095
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e 15
f Total. Add lines 6d and 6e		6f 5110
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....		6g 3532
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		6h 0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)		7 243
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 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		b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☒ 1 A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☐ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)

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

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

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

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

11c Enter the Receipt Confirmation Code for the 2022 Form M-1 annual report. If the plan was not required to file the 2022 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE 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 2022 This Form is Open to Public Inspection
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan IUOE LOCAL 478 ANNUITY FUND	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 BOARD OF TRUSTEES IUOE LOCAL 478 ANNUITY FUND	D Employer Identification Number (EIN) 06-1230516	

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.
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1 Coverage Information:

(a) Name of insurance carrier MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY
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(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
04-1590850	65935	MR 60024	3532	01/01/2022	12/31/2022

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.
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(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	
5	Current value of plan's interest under this contract in separate accounts at year end.....	5	
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..... Specify nature of costs ▶	6d	
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 ▶ GROUP ANNUITY CONTRACT		
b	Balance at the end of the previous year	7b	58345550
c	Additions: (1) Contributions deposited during the year	7c(1)	1153661
	(2) Dividends and credits.....	7c(2)	
	(3) Interest credited during the year.....	7c(3)	1815213
	(4) Transferred from separate account.....	7c(4)	7555761
	(5) Other (specify below)	7c(5)	
	▶		
	(6) Total additions.....	7c(6)	10524635
d	Total of balance and additions (add lines 7b and 7c(6))	7d	68870185
e	Deductions:		
	(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	5706941
	(2) Administration charge made by carrier.....	7e(2)	130517
	(3) Transferred to separate account.....	7e(3)	485994
	(4) Other (specify below)	7e(4)	
	▶		
	(5) Total deductions.....	7e(5)	6323452
f	Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	62546733

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. Specify nature of costs.	10b	

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
		2022
		This Form is Open to Public Inspection.

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan IUOE LOCAL 478 ANNUITY FUND	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 BOARD OF TRUSTEES IUOE LOCAL 478 ANNUITY FUND	D Employer Identification Number (EIN) 06-1230516	

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

1 Information on Persons Receiving Only Eligible Indirect Compensation

- a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☒ Yes ☐ No
- b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
EMPOWER ANNUITY INSURANCE CO
84-0467907

(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)

MASS MUTUAL LIFE INSURANCE COMPANY

04-1590850

(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?
52 60 62 63 64 68 72	NONE	169309	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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

REID AND REIGE, P.C.

06-0867204

(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?
29 50	NONE	82230	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

EMPOWER ANNUITY INSURANCE COMPANY

84-0467907

(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?
64	NONE	59522	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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)

SEGAL MARCO ADVISORS

13-2646110

(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?
27 50	NONE	44254	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

SCHULTHEIS & PANETTIERI, LLP

13-1577780

(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?
10 50	AUDITOR	38024	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

THE SEGAL COMPANY

13-1835864

(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?
16 50 70	NONE	21260	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
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(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 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>		
A Name of plan <u>IUOE LOCAL 478 ANNUITY FUND</u>		B Three-digit plan number (PN) <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>BOARD OF TRUSTEES IUOE LOCAL 478 ANNUITY FUND</u>		D Employer Identification Number (EIN) <u>06-1230516</u>

Part I Asset and Liability Statement			
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.			
Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash.....	1a		<u>599154</u>
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)	<u>1471000</u>	<u>1657000</u>
(2) Participant contributions.....	1b(2)	<u>71000</u>	<u>83800</u>
(3) Other.....	1b(3)	<u>33358</u>	<u>118122</u>
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)	<u>1114384</u>	<u>1096933</u>
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common.....	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants).....	1c(7)		
(8) Participant loans.....	1c(8)		
(9) Value of interest in common/collective trusts.....	1c(9)		
(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)	<u>283174025</u>	<u>231457822</u>
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	<u>58345550</u>	<u>61978620</u>
(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	98496	137838
f Total assets (add all amounts in lines 1a through 1e)	1f	344307813	297129289

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h	112502	105896
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	112502	105896

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	344195311	297023393
---	-----------	-----------	-----------

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)	13586163	
(B) Participants	2a(1)(B)	2969907	
(C) Others (including rollovers)	2a(1)(C)	417709	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		16973779
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)		
(F) Other	2b(1)(F)	1264421	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		1264421
(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)	15133795	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		15133795
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		0
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(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)		-63475286
c Other income	2c		6903
d Total income. Add all income amounts in column (b) and enter total	2d		-30096388
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	16099168	
(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)		16099168
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)	141292	
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)	44000	
(4) Other	2i(4)	791070	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		976362
j Total expenses. Add all expense amounts in column (b) and enter total	2j		17075530
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-47171918
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: SCHULTHEIS & PANETTIERI, LLP

(2) EIN: 13-1577780

d The opinion of an independent qualified public accountant is **not attached** because:

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

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)

	Yes	No	Amount
4a	X		49426

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

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

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

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

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.

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 2022 This Form is Open to Public Inspection.
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan IUOE LOCAL 478 ANNUITY FUND		B Three-digit plan number (PN) ► 001
C Plan sponsor's name as shown on line 2a of Form 5500 BOARD OF TRUSTEES IUOE LOCAL 478 ANNUITY FUND		D Employer Identification Number (EIN) 06-1230516
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): 04-1590850 20-3691708		
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) 2022 v. 220413		

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

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

Part VI	Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans
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18	If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐
19	If the total number of participants is 1,000 or more, complete lines (a) through (c) a Enter the percentage of plan assets held as: Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____% b Provide the average duration of the combined investment-grade and high-yield debt: ☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more c What duration measure was used to calculate line 19(b)? ☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): _____
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 _____



Schultheis & Panettieri LLP

Accountants and Consultants

Please Reply to:

450 Wireless Boulevard
Hauppauge, NY 11788
Telephone: (631) 273-4778
Fax: (631) 273-3488

21 Vernon Street
Floral Park, NY 11001
Telephone: (516) 216-5695

485A US Route 1 South
Suite 360
Iselin, NJ 08830
Telephone: (732) 268-1301

www.snpcpa.com

PARTNERS

Carol Westfall, CPA
Vincent F. Panettieri, CPA
Max Capone, CPA
James M. Heinzman, CPA, CFE
Donna Panettieri, CPA
Peter M. Murray, CPA, CFE
Gary Waldren, CPA
Jennifer Leible, CPA
Richard B. Silvestro, CPA
Jamie L. Krainski, CPA
Vincent A. Gelpi, CPA
Michael Garafalo, CPA, CFE
Kyle Kamm, CPA

DIRECTORS

Stephen Bowen
Anthony Sgroi
William R. Shannon
William Austin
Kimberly Miller
Michael Fox
Viorel Kuzma
Justin Katulka

Independent Auditor's Report**Board of Trustees**

International Union of Operating Engineers Local No. 478
Annuity Fund

Opinion

We have audited the accompanying financial statements of the International Union of Operating Engineers Local No. 478 Annuity Fund (the "Plan"), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), which comprise the statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statements of changes in net assets available for benefits for the years ended December 31, 2022 and 2021, and the related notes to the financial statements.

In our opinion, the financial statements referred to above present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2022 and 2021, and the changes in net assets available for benefits for the years ended December 31, 2022 and 2021 in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our 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.

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

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 generally accepted auditing standards 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 generally accepted auditing standards, 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.

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.

Supplemental Schedules Required by ERISA

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The supplemental information on pages 13 through 16 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 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 generally accepted auditing standards.

In forming our opinion on the supplemental schedules, we evaluated whether the supplemental schedules, 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 information in the accompanying schedules is fairly stated, in all material respects, in relation to the financial statements as a whole, and the form and content are presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

Supplemental Information

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The supplemental information on page 17 is presented for purposes of additional analysis and is not a required part of the financial statements. 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 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 auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the financial statements as a whole.

A handwritten signature in cursive script, appearing to read "Schullhas & Parcellini LLP".

Hauppauge, New York
October 6, 2023

INTERNATIONAL UNION OF OPERATING ENGINEERS LOCAL NO. 478 ANNUITY FUND

SCHEDULE OF DELINQUENT PARTICIPANT CONTRIBUTIONS

YEAR ENDED DECEMBER 31, 2022

EIN 06-1230516, PLAN NO. 001
FORM 5500, SCHEDULE H, LINE 4A

Participant Contributions Transferred Late to the Plan	Total That Constitute Nonexempt Prohibited Transactions
\$ 49,426	\$ 49,426

**INTERNATIONAL UNION OF OPERATING ENGINEERS LOCAL NO. 478 ANNUITY
FUND**

FINANCIAL STATEMENTS

YEARS ENDED DECEMBER 31, 2022 AND 2021

INTERNATIONAL UNION OF OPERATING ENGINEERS LOCAL NO. 478 ANNUITY FUND

YEARS ENDED DECEMBER 31, 2022 AND 2021

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Schultheis & Panettieri LLP

Accountants and Consultants

Please Reply to:

450 Wireless Boulevard
Hauppauge, NY 11788
Telephone: (631) 273-4778
Fax: (631) 273-3488

21 Vernon Street
Floral Park, NY 11001
Telephone: (516) 216-5695

485A US Route 1 South
Suite 360
Iselin, NJ 08830
Telephone: (732) 268-1301

www.snpcpa.com

PARTNERS

Carol Westfall, CPA
Vincent F. Panettieri, CPA
Max Capone, CPA
James M. Heinzman, CPA, CFE
Donna Panettieri, CPA
Peter M. Murray, CPA, CFE
Gary Waldren, CPA
Jennifer Leible, CPA
Richard B. Silvestro, CPA
Jamie L. Krainski, CPA
Vincent A. Gelpi, CPA
Michael Garafalo, CPA, CFE
Kyle Kamm, CPA

DIRECTORS

Stephen Bowen
Anthony Sgroi
William R. Shannon
William Austin
Kimberly Miller
Michael Fox
Viorel Kuzma
Justin Katulka

Independent Auditor's Report**Board of Trustees**

International Union of Operating Engineers Local No. 478
Annuity Fund

Opinion

We have audited the accompanying financial statements of the International Union of Operating Engineers Local No. 478 Annuity Fund (the "Plan"), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), which comprise the statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statements of changes in net assets available for benefits for the years ended December 31, 2022 and 2021, and the related notes to the financial statements.

In our opinion, the financial statements referred to above present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2022 and 2021, and the changes in net assets available for benefits for the years ended December 31, 2022 and 2021 in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our 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.

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

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 generally accepted auditing standards 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 generally accepted auditing standards, 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.

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.

Supplemental Schedules Required by ERISA

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The supplemental information on pages 13 through 16 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 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 generally accepted auditing standards.

In forming our opinion on the supplemental schedules, we evaluated whether the supplemental schedules, 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 information in the accompanying schedules is fairly stated, in all material respects, in relation to the financial statements as a whole, and the form and content are presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

Supplemental Information

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The supplemental information on page 17 is presented for purposes of additional analysis and is not a required part of the financial statements. 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 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 auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the financial statements as a whole.

A handwritten signature in cursive script, appearing to read "Schullhas & Parcellini LLP".

Hauppauge, New York
October 6, 2023

INTERNATIONAL UNION OF OPERATING ENGINEERS LOCAL NO. 478 ANNUITY FUND

STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS

DECEMBER 31, 2022 AND 2021

	<u>2022</u>	<u>2021</u>
Assets		
Investments at fair value		
Interest bearing cash	\$ 1,096,933	\$ 1,114,384
Registered investment companies	231,457,822	283,174,025
Investments at contract value		
Unallocated contracts	<u>61,978,620</u>	<u>58,345,550</u>
Total investments	<u>294,533,375</u>	<u>342,633,959</u>
Receivables		
Participants' contributions	83,800	71,000
Employers' contributions	1,657,000	1,471,000
Related organizations	118,122	33,358
Cash	599,154	-
Other assets	<u>137,838</u>	<u>98,496</u>
Total assets	<u>297,129,289</u>	<u>344,307,813</u>
Liabilities		
Accounts payable	<u>105,896</u>	<u>112,502</u>
Total liabilities	<u>105,896</u>	<u>112,502</u>
Net assets available for benefits	<u><u>\$ 297,023,393</u></u>	<u><u>\$ 344,195,311</u></u>

INTERNATIONAL UNION OF OPERATING ENGINEERS LOCAL NO. 478 ANNUITY FUND

STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS

YEARS ENDED DECEMBER 31, 2022 AND 2021

	<u>2022</u>	<u>2021</u>
<i>Additions to net assets attributed to:</i>		
Investment income (loss)		
Net appreciation (depreciation) in fair value of investments	\$ (63,475,286)	\$ 27,090,933
Interest/dividends	<u>16,398,216</u>	<u>17,572,525</u>
Total investment income (loss)	<u>(47,077,070)</u>	<u>44,663,458</u>
Less investment expenses	<u>(44,000)</u>	<u>(43,500)</u>
Net investment income (loss)	<u>(47,121,070)</u>	<u>44,619,958</u>
Contributions		
Participants'	2,969,907	2,713,929
Employers'	13,586,163	11,711,442
Rollovers	417,709	584,124
Other income	<u>6,903</u>	<u>-</u>
Total additions	<u>(30,140,388)</u>	<u>59,629,453</u>
<i>Deductions from net assets attributed to:</i>		
Benefits paid directly to participants or beneficiaries	16,099,168	15,635,696
Administrative expenses	<u>932,362</u>	<u>904,597</u>
Total deductions	<u>17,031,530</u>	<u>16,540,293</u>
Net increase (decrease)	<u>(47,171,918)</u>	<u>43,089,160</u>
Net assets available for benefits		
Beginning of year	<u>344,195,311</u>	<u>301,106,151</u>
End of year	<u><u>\$ 297,023,393</u></u>	<u><u>\$ 344,195,311</u></u>

INTERNATIONAL UNION OF OPERATING ENGINEERS LOCAL NO. 478 ANNUITY FUND

NOTES TO FINANCIAL STATEMENTS

YEARS ENDED DECEMBER 31, 2022 AND 2021

Note 1 - Description of Plan and Significant Accounting Policies

The following description of the International Union of Operating Engineers Local No. 478 Annuity Fund (the "Plan") provides only general information. Participants should refer to the plan document for a more complete description of the Plan's provisions.

General

The Plan first became effective January 26, 1988 and is a defined contribution profit sharing plan established under an Agreement and Declaration of Trust pursuant to collective bargaining agreements between the International Union of Operating Engineers Local 478, 478A, 478C, 478D and 478E (the "Union") and various employers and employer associations in the construction industry in the State of Connecticut. It is subject to the provisions of the Employee Retirement Income Security Act of 1974 ("ERISA").

Management has evaluated subsequent events through the date of the auditor's report, the date the financial statements were available to be issued.

Purpose

The purpose of the Plan is to provide retirement benefits to eligible participants.

Participation

An individual becomes a participant in the Plan upon completion of 1 hour of service in covered employment for a contributing employer. Employees of the Union and its related fringe benefit funds are also participants of the Plan.

Vesting

Participants are immediately 100% vested in all contributions and related earnings credited to their individual accounts.

Benefits

A participant, or the participant's beneficiary, is entitled to receive benefits, if the participant:

1. Attains age 62 or is a participant for 5 years, whichever is later
2. Dies
3. Becomes disabled
4. Has no employers' contributions credited to his/her individual account for six consecutive months with certain exceptions
5. Attains age 55 and has commenced receiving a pension from the I.U.O.E. Local 478 Pension Plan

INTERNATIONAL UNION OF OPERATING ENGINEERS LOCAL NO. 478 ANNUITY FUND

NOTES TO FINANCIAL STATEMENTS

YEARS ENDED DECEMBER 31, 2022 AND 2021

Note 1 - Description of Plan and Significant Accounting Policies (cont'd)

Plan regulations mandate that the distribution of a participant's benefit commences when the participant attains age 72.

An active participant who has not incurred a break in service may apply for an "in service" distribution of either 50% or the entire balance of his/her account as long as he/she is at least 59½ years of age and has not worked in non-covered employment within the past 36 months. This option is only available twice in a participant's lifetime.

Benefits are recorded when paid.

A participant may elect any one of the following methods of payment:

- a. Single life annuity or a qualified joint survivor annuity
- b. A series of installments, not to exceed fifteen (15) years
- c. One lump sum

In accordance with IRS Regulations, minimal account balances may be distributed in one lump sum payment without consent of the participant.

Hardship withdrawals

In the event of certain financial hardships, as defined in the Plan, a participant may apply for a distribution of up to 50% from his/her profit sharing account. A participant is eligible for a hardship distribution, if he/she has a balance of at least \$3,000 in his/her account and has not received a hardship distribution for at least 24 months.

Participant accounts

Individual accounts are maintained for each participant of the Plan and are "participant directed" for investment purposes. Under this strategy, each participant directs the investment of his/her account into various investment options offered by the Plan. Each participant's account is credited with contributions made on his/her behalf. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Plan termination

The Trustees expect and intend to continue the Plan indefinitely, but reserve the right to amend or terminate it as provided for by the applicable Trust Agreement and Plan provisions. If the Plan is terminated, the rights of all affected participants and beneficiaries, to the value of the amounts credited to participants' accounts, shall be non-forfeitable and the Plan assets will be allocated to pay all obligations of the Plan and to provide benefits to those eligible under the terms of the Plan and as otherwise required by law.

INTERNATIONAL UNION OF OPERATING ENGINEERS LOCAL NO. 478 ANNUITY FUND

NOTES TO FINANCIAL STATEMENTS

YEARS ENDED DECEMBER 31, 2022 AND 2021

Note 1 - Description of Plan and Significant Accounting Policies (cont'd)

Basis of accounting

The financial statements are presented on the accrual basis of accounting.

Investment valuation and income recognition

The Plan's investments are stated at fair value except for fully benefit-responsive investment contracts, which are reported at contract value. See "Fair value measurements" footnote for additional information.

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.

Administrative expense allocation

The administrative office is occupied by the Plan and its related Pension Fund, Health Benefits Fund, Officers and Employees Pension Plan, Apprentice Training Fund and the Union. Certain expenses not specifically applicable to a particular entity are allocated based on the estimated benefit received by each entity. Amounts reported as receivable from related organizations or payable to related organizations generally include balances for shared expenses.

Reimbursements paid to related organizations for the years ended December 31, 2022 and 2021 were \$508,000 and \$492,000, respectively.

Use of estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from these estimates.

Note 2 - 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 measurements) and the lowest priority to unobservable inputs (level 3 measurements). The three levels of the fair value hierarchy are described as follows:

Level 1 inputs to the valuation methodology are unadjusted quoted prices, in active markets, for identical assets that the Plan has the ability to access.

INTERNATIONAL UNION OF OPERATING ENGINEERS LOCAL NO. 478 ANNUITY FUND

NOTES TO FINANCIAL STATEMENTS

YEARS ENDED DECEMBER 31, 2022 AND 2021

Note 2 - Fair value measurements (cont'd)

Level 2 inputs to the valuation methodology include: quoted prices for similar assets in active markets, quoted prices for identical or similar assets in inactive markets, inputs other than quoted prices that are observable for the asset, and inputs that are derived principally from or corroborated by observable market data by correlation or other means. If the asset has a specified (contractual) term, the level 2 input must be observable for substantially the full term of the asset.

Level 3 inputs to the valuation methodology are unobservable and significant to the fair value measurement. Level 3 inputs are generally based on the best information available, which may include the reporting entity's own assumptions and data.

The asset'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.

Interest bearing cash: Valued at cost.

Registered investment companies: Valued at the closing price reported in the active market in which the securities are traded.

The preceding methods may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the Plan believes its valuation 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 table sets forth, by level within the fair value hierarchy, the Plan's investments, as of December 31, 2022, with fair value measurements on a recurring basis:

	<u>2022</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>
Investments at fair value				
Interest bearing cash	\$ 1,096,933	\$ 1,096,933	\$ -	\$ -
Registered investment companies	<u>231,457,822</u>	<u>231,457,822</u>	<u>-</u>	<u>-</u>
Total assets in the fair value hierarchy	<u>\$ 232,554,755</u>	<u>\$ 232,554,755</u>	<u>\$ -</u>	<u>\$ -</u>

INTERNATIONAL UNION OF OPERATING ENGINEERS LOCAL NO. 478 ANNUITY FUND

NOTES TO FINANCIAL STATEMENTS

YEARS ENDED DECEMBER 31, 2022 AND 2021

Note 2 - Fair value measurements (cont'd)

The following table sets forth, by level within the fair value hierarchy, the Plan's investments, as of December 31, 2021, with fair value measurements on a recurring basis:

	<u>2021</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>
Investments at fair value				
Interest bearing cash	\$ 1,114,384	\$ 1,114,384	\$ -	\$ -
Registered investment companies	<u>283,174,025</u>	<u>283,174,025</u>	<u>-</u>	<u>-</u>
Total assets in the fair value hierarchy	<u>\$ 284,288,409</u>	<u>\$ 284,288,409</u>	<u>\$ -</u>	<u>\$ -</u>

Note 3 - Unallocated contracts

The Plan holds a fully benefit-responsive investment contract with Massachusetts Mutual Life Insurance Company ("Mass Mutual"). The traditional investment contract meets the fully benefit-responsive investment contract criteria and therefore is reported at contract value. Contract value is the relevant measure for fully benefit-responsive investment contracts because this is the amount received by participants if they were to initiate transactions under the terms of the Plan. Contract value represents contributions made under the contract, plus earnings, less participant withdrawals and administrative expenses. The contract value of the investment contract at December 31, 2022 and 2021 was \$61,978,620 and \$58,345,550 respectively. The crediting interest rate cannot be less than 3.00%. The interest rate is reviewed and reset on a semi-annual basis.

The Plan's ability to receive amounts due in accordance with the fully benefit-responsive investment contract is dependent on the third-party issuer's ability to meet its financial obligations. The issuer's ability to meet its contractual obligations may be affected by future economic and regulatory developments. Certain events may limit the ability of the Plan to transact at contract value with the contract issuer and that also would limit the ability of the Plan to transact at contract value with the participants. In addition, certain events allow the issuer to terminate the contract with the Plan and settle at an amount different from contract value. No events are probable of occurring that might limit the ability of the Plan to transact at contract value with the contract issuers and that also would limit the ability of the Plan to transact at contract value with the participants.

Note 4 - 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 the amounts reported in the financial statements.

INTERNATIONAL UNION OF OPERATING ENGINEERS LOCAL NO. 478 ANNUITY FUND

NOTES TO FINANCIAL STATEMENTS

YEARS ENDED DECEMBER 31, 2022 AND 2021

Note 5 - Party-in-interest transactions

Certain Plan investments are held by the manager of the investment; therefore, transactions relating to those investments qualify as exempt party-in-interest transactions and are identified as such on the supplemental schedules of investments.

Note 6 - Employers' and participants' contributions

In accordance with collective bargaining agreements and participation agreements, employers are required to make contributions to the Plan on behalf of employees performing covered work.

Participants may elect salary deferrals to be contributed to the plan. Maximum annual contributions are based on Internal Revenue Service regulations. Additionally, the Plan accepts rollovers from other qualified plans as directed by participants.

Note 7 - Lease

Effective January 1, 2021, I.U.O.E. Local 478 Health Benefits Fund (the "Health Fund"), a related organization, entered into a three-year lease agreement (cancelable on 90 days notice) with the Union, a related organization. Under the terms of the agreement, the Health Fund will pay base rent plus escalation charges for real estate taxes, maintenance, and utilities. Simultaneously, the Health Fund entered into a cost sharing agreement with its related fringe benefit funds to sublease the office space for the same period. Under the terms of the cost sharing agreement, the Plan's share of the annual base rent is \$14,882 and is included in monthly reimbursements to related organizations.

For the years ended December 31, 2022 and 2021, the Plan's portion of total occupancy expense were \$15,277 and \$14,993, respectively.

Note 8 - Reconciliation of participants' accounts to net assets available for benefits

	<u>2022</u>	<u>2021</u>
Participants' account balances as of December 31	\$ 293,406,976	\$ 341,490,470
Employers' contributions receivable	1,657,000	1,471,000
Participants' contributions receivable	83,800	71,000
Contributions in process	800,333	143,729
Unallocated amounts	<u>1,075,284</u>	<u>1,019,112</u>
Net assets available for benefits	<u>\$ 297,023,393</u>	<u>\$ 344,195,311</u>

INTERNATIONAL UNION OF OPERATING ENGINEERS LOCAL NO. 478 ANNUITY FUND

NOTES TO FINANCIAL STATEMENTS

YEARS ENDED DECEMBER 31, 2022 AND 2021

Note 9 - Reconciliation of financial statements to Form 5500

For financial statement purposes, investment expenses are reported as a reduction of investment income. The reporting requirements of the Department of Labor require these fees be shown as administrative expenses.

The following is a reconciliation of the reclassifications:

	<u>Per Financial Statements</u>	<u>Reclassification</u>	<u>Per Form 5500</u>
Investment (loss)	\$ (47,121,070)	\$ 44,000	\$ (47,077,070)
Contributions	16,973,779	-	16,973,779
Other income	<u>6,903</u>	<u>-</u>	<u>6,903</u>
Total additions	<u>(30,140,388)</u>	<u>44,000</u>	<u>(30,096,388)</u>
Benefits paid directly to participants or beneficiaries	16,099,168	-	16,099,168
Administrative expenses	<u>932,362</u>	<u>44,000</u>	<u>976,362</u>
Total deductions	<u>17,031,530</u>	<u>44,000</u>	<u>17,075,530</u>
Net (decrease)	\$ <u>(47,171,918)</u>	\$ <u>-</u>	\$ <u>(47,171,918)</u>

Note 10 - Tax status

The Plan has received a determination letter from the IRS dated May 20, 2015, stating that the Plan is qualified under Section 401(a) and is exempt from federal income taxes under Section 501(a) of the Internal Revenue Code. The Trustees believe that the Plan, including amendments subsequent to the IRS determination, is currently designed and operated in compliance with the requirements of the Internal Revenue Code. Therefore, they believe that the Plan was qualified and the related trust was tax exempt as of the financial statement date.

INTERNATIONAL UNION OF OPERATING ENGINEERS LOCAL NO. 478 ANNUITY FUND

SCHEDULE OF DELINQUENT PARTICIPANT CONTRIBUTIONS

YEAR ENDED DECEMBER 31, 2022

EIN 06-1230516, PLAN NO. 001
FORM 5500, SCHEDULE H, LINE 4A

Participant Contributions Transferred Late to the Plan	Total That Constitute Nonexempt Prohibited Transactions
\$ 49,426	\$ 49,426

INTERNATIONAL UNION OF OPERATING ENGINEERS LOCAL NO. 478 ANNUITY FUND

SCHEDULE OF INTEREST BEARING CASH

DECEMBER 31, 2022

EIN 06-1230516, PLAN NO. 001

FORM 5500, SCHEDULE H, LINE 4I - ASSETS HELD FOR INVESTMENT PURPOSES AT END OF YEAR

(a) NOT APPLICABLE

(b) ISSUER	(c) - DESCRIPTION INTEREST BEARING CASH		(d)	(e)
	INTEREST RATE	MATURITY DATE	COST	CURRENT VALUE
	VARIABLE	ON DEMAND		
WELLS FARGO			\$ 1,096,933	\$ 1,096,933
			<u>\$ 1,096,933</u>	<u>\$ 1,096,933</u>

INTERNATIONAL UNION OF OPERATING ENGINEERS LOCAL NO. 478 ANNUITY FUND

SCHEDULE OF REGISTERED INVESTMENT COMPANIES

DECEMBER 31, 2022

EIN 06-1230516, PLAN NO. 001

FORM 5500, SCHEDULE H, LINE 4I - ASSETS HELD FOR INVESTMENT PURPOSES AT END OF YEAR

(a) NOT APPLICABLE

(b)	(c) - DESCRIPTION REGISTERED INVESTMENT COMPANIES	(d)	(e)
ISSUER	NO. OF SHARES	COST **	CURRENT VALUE
DODGE & COX STOCK FUND	97,876	\$ -	\$ 21,112,767
DOGGE & COX INCOME FUND	475,134	-	5,791,888
INVESCO GLOBAL R6	76,062	-	5,759,420
MASSMUTUAL MID CAP GROWTH I	398,788	-	6,966,819
MM S&P 500® INDEX I	957,266	-	12,444,463
NUVEEN REAL ESTATE SECUR FUND (MF-3507)	62,973	-	914,997
VANGUARD INFL-PROTECTED SEC FD	159,412	-	1,503,254
PREMIER MONEY MRKT FD (BARINGS) (MF-G)	11,944	-	11,944
PREMIER MONEY MRKT FD (BARINGS) (U)	-	-	29,466
HARTFORD INTL OPPORTUNITIES FD (MF-2969)	74,593	-	1,221,832
AMRCN FNDS 2010 TRGT DT RET FD	107,708	-	1,166,478
AMRCN FNDS 2015 TRGT DT RET FD	252,930	-	2,858,109
AMRCN FNDS 2020 TRGT DT RET FD	824,234	-	10,072,136
AMRCN FNDS 2025 TRGT DT RET FD	1,701,916	-	23,026,917
AMRCN FNDS 2030 TRGT DT RET FD	2,054,708	-	29,978,195
AMRCN FNDS 2035 TRGT DT RET FD	1,214,744	-	18,877,116
AMRCN FNDS 2040 TRGT DT RET FD	1,159,058	-	18,556,523
AMRCN FNDS 2045 TRGT DT RET FD	949,382	-	15,484,417
AMRCN FNDS 2050 TRGT DT RET FD	779,646	-	12,419,766
AMRCN FNDS 2055 TRGT DT RET FD	422,825	-	8,443,809
AMRCN FNDS 2060 TRGT DT RET FD	352,387	-	4,753,703
VANGUARD RUSSELL 1000GRIDXFD	56,080	-	23,772,147
HRTFRD SCHRDR US MD CP OPPS FD (MF-4011)	347,302	-	5,723,544
GUARANTEED INTEREST FUND	-	-	568,112
		<u>\$ -</u>	<u>\$ 231,457,822</u>

** COST OMITTED - PARTICIPANT DIRECTED ACCOUNT PLAN

INTERNATIONAL UNION OF OPERATING ENGINEERS LOCAL NO. 478 ANNUITY FUND

SCHEDULE OF UNALLOCATED CONTRACTS

DECEMBER 31, 2022

EIN 06-1230516, PLAN NO. 001

FORM 5500, SCHEDULE H, LINE 4I - ASSETS HELD FOR INVESTMENT PURPOSES AT END OF YEAR

(a)	(b)	(c) - DESCRIPTION UNALLOCATED CONTRACTS	(d)	(e)
	ISSUER	INTEREST RATE	COST **	CURRENT VALUE
*	MASS MUTUAL GAC 60024	VARIABLE	\$ -	\$ 61,978,620
			\$ -	\$ 61,978,620

* PARTY-IN-INTEREST

** COST OMITTED - PARTICIPANT DIRECTED ACCOUNT PLAN

INTERNATIONAL UNION OF OPERATING ENGINEERS LOCAL NO. 478 ANNUITY FUND

SCHEDULES OF ADMINISTRATIVE EXPENSES

YEARS ENDED DECEMBER 31, 2022 AND 2021

	<u>2022</u>	<u>2021</u>
Third party administration	\$ 228,794	\$ 222,188
Office	3,089	3,479
Printing	835	2,297
Legal	82,156	81,656
Accounting	38,000	37,000
Consulting	21,136	18,329
Insurance	41,063	38,264
Depreciation	9,289	9,384
Reimbursements to related organizations	<u>508,000</u>	<u>492,000</u>
Total administrative expenses	<u>\$ 932,362</u>	<u>\$ 904,597</u>

INTERNATIONAL UNION OF OPERATING ENGINEERS LOCAL NO. 478 ANNUITY FUND

SCHEDULE OF INTEREST BEARING CASH

DECEMBER 31, 2022

EIN 06-1230516, PLAN NO. 001

FORM 5500, SCHEDULE H, LINE 4I - ASSETS HELD FOR INVESTMENT PURPOSES AT END OF YEAR

(a) NOT APPLICABLE

(b) ISSUER	(c) - DESCRIPTION INTEREST BEARING CASH		(d)	(e)
	INTEREST RATE	MATURITY DATE	COST	CURRENT VALUE
	VARIABLE	ON DEMAND		
WELLS FARGO			\$ 1,096,933	\$ 1,096,933
			<u>\$ 1,096,933</u>	<u>\$ 1,096,933</u>

INTERNATIONAL UNION OF OPERATING ENGINEERS LOCAL NO. 478 ANNUITY FUND

SCHEDULE OF REGISTERED INVESTMENT COMPANIES

DECEMBER 31, 2022

EIN 06-1230516, PLAN NO. 001

FORM 5500, SCHEDULE H, LINE 4I - ASSETS HELD FOR INVESTMENT PURPOSES AT END OF YEAR

(a) NOT APPLICABLE

(b)	(c) - DESCRIPTION REGISTERED INVESTMENT COMPANIES	(d)	(e)
ISSUER	NO. OF SHARES	COST **	CURRENT VALUE
DODGE & COX STOCK FUND	97,876	\$ -	\$ 21,112,767
DOGGE & COX INCOME FUND	475,134	-	5,791,888
INVESCO GLOBAL R6	76,062	-	5,759,420
MASSMUTUAL MID CAP GROWTH I	398,788	-	6,966,819
MM S&P 500® INDEX I	957,266	-	12,444,463
NUVEEN REAL ESTATE SECUR FUND (MF-3507)	62,973	-	914,997
VANGUARD INFL-PROTECTED SEC FD	159,412	-	1,503,254
PREMIER MONEY MRKT FD (BARINGS) (MF-G)	11,944	-	11,944
PREMIER MONEY MRKT FD (BARINGS) (U)	-	-	29,466
HARTFORD INTL OPPORTUNITIES FD (MF-2969)	74,593	-	1,221,832
AMRCN FNDS 2010 TRGT DT RET FD	107,708	-	1,166,478
AMRCN FNDS 2015 TRGT DT RET FD	252,930	-	2,858,109
AMRCN FNDS 2020 TRGT DT RET FD	824,234	-	10,072,136
AMRCN FNDS 2025 TRGT DT RET FD	1,701,916	-	23,026,917
AMRCN FNDS 2030 TRGT DT RET FD	2,054,708	-	29,978,195
AMRCN FNDS 2035 TRGT DT RET FD	1,214,744	-	18,877,116
AMRCN FNDS 2040 TRGT DT RET FD	1,159,058	-	18,556,523
AMRCN FNDS 2045 TRGT DT RET FD	949,382	-	15,484,417
AMRCN FNDS 2050 TRGT DT RET FD	779,646	-	12,419,766
AMRCN FNDS 2055 TRGT DT RET FD	422,825	-	8,443,809
AMRCN FNDS 2060 TRGT DT RET FD	352,387	-	4,753,703
VANGUARD RUSSELL 1000GRIDXFD	56,080	-	23,772,147
HRTFRD SCHRDR US MD CP OPPS FD (MF-4011)	347,302	-	5,723,544
GUARANTEED INTEREST FUND	-	-	568,112
		<u>\$ -</u>	<u>\$ 231,457,822</u>

** COST OMITTED - PARTICIPANT DIRECTED ACCOUNT PLAN

INTERNATIONAL UNION OF OPERATING ENGINEERS LOCAL NO. 478 ANNUITY FUND

SCHEDULE OF UNALLOCATED CONTRACTS

DECEMBER 31, 2022

EIN 06-1230516, PLAN NO. 001

FORM 5500, SCHEDULE H, LINE 4I - ASSETS HELD FOR INVESTMENT PURPOSES AT END OF YEAR

(a)	(b)	(c) - DESCRIPTION UNALLOCATED CONTRACTS	(d)	(e)
	ISSUER	INTEREST RATE	COST **	CURRENT VALUE
*	MASS MUTUAL GAC 60024	VARIABLE	\$ -	\$ 61,978,620
			\$ -	\$ 61,978,620

* PARTY-IN-INTEREST

** COST OMITTED - PARTICIPANT DIRECTED ACCOUNT PLAN

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 2022 This Form is Open to Public Inspection
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Part I Annual Report Identification Information			
For calendar plan year 2022 or fiscal plan year beginning		01/01/2022	and ending
		12/31/2022	
A	This return/report is for:	☒ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☐ a single-employer plan ☐ a DFE (specify) ____	
B	This return/report is:	☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)	
C	If the plan is a collectively-bargained plan, check here. ☒		
D	Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)	
E	If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. ☐		

Part II Basic Plan Information—enter all requested information			
1a	Name of plan IUOE LOCAL 478 ANNUITY FUND	1b	Three-digit plan number (PN) ▶ 001
		1c	Effective date of plan 01/26/1988
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) BOARD OF TRUSTEES IUOE LOCAL 478 ANNUITY FUND 1965 DIXWELL AVENUE HAMDEN CT 06514-2400	2b	Employer Identification Number (EIN) 06-1230516
		2c	Plan Sponsor's telephone number (203) 288-9261
		2d	Business code (see instructions) 237310

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	☒	☒ 8.22.23	☒ GARRY GYENIZ
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	☒	☒ 9/6/2023	☒ Jason Travelstead
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE	☐ 		
	Signature of DFE	Date	Enter name of individual signing as DFE

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

Form 5500 (2022)
v. 220413

3a Plan administrator's name and address ☒ Same as Plan Sponsor		3b Administrator's EIN	
		3c Administrator's telephone number	
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name		4b EIN 4d PN	
5 Total number of participants at the beginning of the plan year		5	4,749
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d).			
a(1) Total number of active participants at the beginning of the plan year.....		6a(1)	4,541
a(2) Total number of active participants at the end of the plan year		6a(2)	4,723
b Retired or separated participants receiving benefits.....		6b	41
c Other retired or separated participants entitled to future benefits		6c	331
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d	5,095
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e	15
f Total. Add lines 6d and 6e		6f	5,110
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)		6g	3,532
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested		6h	0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)		7	243
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 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		b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☒ <u> 1 </u> A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☐ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)	

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

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

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

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

11c Enter the Receipt Confirmation Code for the 2022 Form M-1 annual report. If the plan was not required to file the 2022 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

Application for Extension of Time To File Certain Employee Plan Returns

► For Privacy Act and Paperwork Reduction Act Notice, see instructions.
► Go to www.irs.gov/Form5558 for the latest information.

OMB No. 1545-0212

File With IRS Only

Part I Identification

A Name of filer, plan administrator, or plan sponsor (see instructions) BOARD OF TRUSTEES IUOE LOCAL 478 ANNUITY FUND Number, street, and room or suite no. (If a P.O. box, see instructions) 1965 DIXWELL AVENUE City or town, state, and ZIP code HAMDEN CT 06514-2400	B Plan's identifying number (see instructions) Employer identification number (EIN) (9 digits XX-XXXXXXX) 06-1230516 Social security number (SSN) (9 digits XXX-XX-XXXX)			
	Plan number	Plan year ending—		
	MM	DD	YYYY	
C Plan name IUOE LOCAL 478 ANNUITY FUND	0 0 1	12	31	2022

Part II Extension of Time To File Form 5500 Series, and/or Form 8955-SSA

- 1 ☐ Check this box if you are requesting an extension of time on line 2 to file the first Form 5500 series return/report for the plan listed in Part I, C above.
- 2 I request an extension of time until 10 / 16 / 2023 to file Form 5500 series. See instructions.
Note: A signature IS NOT required if you are requesting an extension to file Form 5500 series.
- 3 I request an extension of time until / / to file Form 8955-SSA. See instructions.
Note: A signature IS NOT required if you are requesting an extension to file Form 8955-SSA.

The application **is automatically approved** to the date shown on line 2 and/or line 3 (above) if **(a)** the Form 5558 is filed on or before the normal due date of Form 5500 series, and/or Form 8955-SSA for which this extension is requested; and **(b)** the date on line 2 and/or line 3 (above) is not later than the 15th day of the 3rd month after the normal due date.

Part III Extension of Time To File Form 5330 (see instructions)

- 4 I request an extension of time until / / to file Form 5330.
You may be approved for up to a 6-month extension to file Form 5330, after the normal due date of Form 5330.

a	Enter the Code section(s) imposing the tax	a	
b	Enter the payment amount attached	b	
c	For excise taxes under section 4980 or 4980F of the Code, enter the reversion/amendment date	c	

- 5 State in detail why you need the extension:**

[illegible]

Under penalties of perjury, I declare that to the best of my knowledge and belief, the statements made on this form are true, correct, and complete, and that I am authorized to prepare this application.

Signature ►

Date ►

Certified Article Number

9414 7266 9904 2204 4819 94

SENDER'S RECORD

Form **5558** (Rev. 9-2018)