

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 2021 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2021 or fiscal plan year beginning <u>01/01/2021</u> and ending <u>12/31/2021</u>	

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

☐ special extension (enter description)

☐ the DFVC program

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	<u>UNITED REFRACTORIES CO. THRIFT SAVINGS PLAN</u>	
1b Three-digit plan number (PN) ▶	<u>001</u>	
1c Effective date of plan	<u>06/01/1984</u>	
2a Plan sponsor's name (employer, if for a single-employer plan)	<u>UNITED REFRACTORIES CO.</u>	
Mailing address (include room, apt., suite no. and street, or P.O. Box)	<u>264 VALLEYBROOK DRIVE</u>	
City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions)	<u>MCMURRAY, PA 15317-3256</u>	
2b Employer Identification Number (EIN)	<u>25-1256814</u>	
2c Plan Sponsor's telephone number	<u>724-941-9300</u>	
2d Business code (see instructions)	<u>332700</u>	

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

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

SIGN HERE	Filed with authorized/valid electronic signature.	10/13/2022	PHILIP A NICHOLS
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/13/2022	PHILIP A NICHOLS
	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 (2021)
v. 210624

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	122
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)	89
a(2) Total number of active participants at the end of the plan year		6a(2)	101
b Retired or separated participants receiving benefits.....		6b	0
c Other retired or separated participants entitled to future benefits		6c	49
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d	150
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e	0
f Total. Add lines 6d and 6e		6f	150
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)		6g	137
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested		6h	0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item).....		7	
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2E 2F 2G 2J 2K 3D 3H			
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 2021 Form M-1 annual report. If the plan was not required to file the 2021 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 2021 This Form is Open to Public Inspection
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For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021	
A Name of plan UNITED REFRACTORIES CO. THRIFT SAVINGS PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 UNITED REFRACTORIES CO.	D Employer Identification Number (EIN) 25-1256814

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
GREAT-WEST LIFE & ANNUITY INSURANCE CO

(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
84-0467907	68322	510653-01	18	01/01/2021	12/31/2021

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

(a) Total amount of commissions paid 840	(b) Total amount of fees paid
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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
LPL
4000 TOWN CENTER BLVD
STE 250
CANONSBURG, PA 15317

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	
840		COMMISSION	3

(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** 373305**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. **6d**
Specify nature of costs ▶**e** Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity(3) ☐ other (specify) ▶**f** If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐**7** Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)**a** Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee
(3) ☐ guaranteed investment (4) ☒ other ▶ **GROUP ANNUITY CONTRACT****b** Balance at the end of the previous year **7b** 444209**c** Additions: (1) Contributions deposited during the year **7c(1)** 11902
(2) Dividends and credits..... **7c(2)** 0
(3) Interest credited during the year..... **7c(3)** 3540
(4) Transferred from separate account..... **7c(4)** 29460
(5) Other (specify below) **7c(5)** 981▶ **LOAN REPAYMENTS & FORFEITURES**(6) Total additions **7c(6)** 45883**d** Total of balance and additions (add lines **7b** and **7c(6)**). **7d** 490092**e** Deductions:(1) Disbursed from fund to pay benefits or purchase annuities during year **7e(1)** 4184
(2) Administration charge made by carrier..... **7e(2)** 70
(3) Transferred to separate account..... **7e(3)** 112533
(4) Other (specify below) **7e(4)** 0(5) Total deductions **7e(5)** 116787**f** Balance at the end of the current year (subtract line **7e(5)** from line **7d**)..... **7f** 373305

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
		2021
		This Form is Open to Public Inspection.

For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021		
A Name of plan UNITED REFRACTORIES CO. THRIFT SAVINGS PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 UNITED REFRACTORIES CO.	D Employer Identification Number (EIN) 25-1256814	

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
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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)

DEFINITI LLC

2201 TIMBERLOCH PLACE
STE 150
THE WOODLAND, TX 77380

85-0833363

(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?
13	CONTRACT ADMIN	1595	Yes ☒ No ☐	Yes ☐ No ☒	10775	Yes ☐ No ☒

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

LPL

9785 TOWNE CENTER DRIVE
SAN DIEGO, CA 92121

(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?
55	BROKER/ADVISOR	0	Yes ☒ No ☐	Yes ☐ No ☒	19008	Yes ☐ No ☒

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

GREAT WEST LIFE AND ANNUITY INS CO

8515 EAST ORCHARD ROAD
GREENWOOD VILLAGE, CO 80111

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	RECORDKEEPER	26530	Yes ☒ No ☐	Yes ☒ No ☐		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)

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

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

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

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

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

Part I Service Provider Information (continued)

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
DEFINITI LLC	13	10775
(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.	
GREAT WEST LIFE AND ANNUITY INS 84-0467907 8515 EAST ORCHARD ROAD GREENWOOD VILLAGE, CO 80111	TPA ALLOWANCE	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
LPL	55	19008
(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.	
GREAT WEST LIFE AND ANNUITY INS 84-0467907 8515 EAST ORCHARD ROAD GREENWOOD VILLAGE, CO 80111	OTHER COMMISSIONS	
(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
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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

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:

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
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103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
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103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
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103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
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103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs)

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

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

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 2021 This Form is Open to Public Inspection
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For calendar plan year 2021 or fiscal plan year beginning <u>01/01/2021</u> and ending <u>12/31/2021</u>		
A Name of plan <u>UNITED REFRACTORIES CO. THRIFT SAVINGS PLAN</u>	B Three-digit plan number (PN) ►	<u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>UNITED REFRACTORIES CO.</u>	D Employer Identification Number (EIN) <u>25-1256814</u>	

Part I	Asset and Liability Statement
---------------	--------------------------------------

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

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash.....	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	1490	
(2) Participant contributions.....	1b(2)		
(3) Other	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)	25810	19378
(9) Value of interest in common/collective trusts	1c(9)	165422	250536
(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)	6775254	8199626
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	444209	373305
(15) Other.....	1c(15)		

		(a) Beginning of Year	(b) End of Year
1d	Employer-related investments:		
(1)	Employer securities.....	1d(1)	
(2)	Employer real property.....	1d(2)	
e	Buildings and other property used in plan operation	1e	
f	Total assets (add all amounts in lines 1a through 1e)	1f	7412185 8842845
Liabilities			
g	Benefit claims payable	1g	
h	Operating payables	1h	118412 83462
i	Acquisition indebtedness.....	1i	
j	Other liabilities.....	1j	
k	Total liabilities (add all amounts in lines 1g through 1j)	1k	118412 83462
Net Assets			
l	Net assets (subtract line 1k from line 1f)	1l	7293773 8759383

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.

		(a) Amount	(b) Total
Income			
a	Contributions:		
(1)	Received or receivable in cash from: (A) Employers	2a(1)(A)	115
	(B) Participants	2a(1)(B)	499689
	(C) Others (including rollovers).....	2a(1)(C)	
(2)	Noncash contributions.....	2a(2)	
(3)	Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)	499804
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)	903
	(F) Other	2b(1)(F)	
	(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)	903
(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)	443442
	(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)	443442
(3)	Rents	2b(3)	
(4)	Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	
	(B) Aggregate carrying amount (see instructions).....	2b(4)(B)	
	(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)	
(5)	Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)	
	(B) Other	2b(5)(B)	
	(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)	

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts.....	2b(6)		76855
(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)		613742
c Other income.....	2c		
d Total income. Add all income amounts in column (b) and enter total.....	2d		1634746
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers.....	2e(1)	57805	
(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)		57805
f Corrective distributions (see instructions).....	2f		83462
g Certain deemed distributions of participant loans (see instructions).....	2g		
h Interest expense.....	2h		
i Administrative expenses: (1) Professional fees.....	2i(1)		
(2) Contract administrator fees.....	2i(2)	27869	
(3) Investment advisory and management fees.....	2i(3)		
(4) Other.....	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		27869
j Total expenses. Add all expense amounts in column (b) and enter total.....	2j		169136
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d.....	2k		1465610
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: H2R CPA

(2) EIN: 25-1031723

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

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

Part IV Compliance Questions

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

During the plan year:

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

	Yes	No	Amount
4a		X	

	Yes	No	Amount
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)			
4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)			
4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)			
4d		X	
e Was this plan covered by a fidelity bond?	X		300000
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 2021 This Form is Open to Public Inspection.
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For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021

A Name of plan <u>UNITED REFRACTORIES CO. THRIFT SAVINGS PLAN</u>	B Three-digit plan number (PN) ▶ <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>UNITED REFRACTORIES CO.</u>	D Employer Identification Number (EIN) <u>25-1256814</u>

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	
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): <u>84-0467907</u>		
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) 2021
v. 201209

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (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

- 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 _____

FINANCIAL REPORT

**UNITED REFRACTORIES CO.
THRIFT SAVINGS PLAN**

YEARS ENDED DECEMBER 31, 2021 AND 2020

**UNITED REFRACTORIES CO. THRIFT SAVINGS PLAN
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All other schedules required by Section 2520.103-10 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 are not presented because they are not applicable.



INDEPENDENT AUDITORS' REPORT

October 11, 2022

To the Plan Administrator and Trustees
United Refractories Co. Thrift Savings Plan
McMurray, Pennsylvania

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit for the 2021 Financial Statements

We have performed an audit of the financial statements of the United Refractories Co. Thrift Savings Plan, an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statement of net assets available for benefits as of December 31, 2021, and the related statement of changes in net assets available for benefits for the year then ended, and the related notes to the financial statements (2021 Financial Statements).

Management, having determined it is permissible in the circumstances, has elected to have the audit of 2021 financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audit need not extend to any statements or information related to assets held for investment of the plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained a certification from a qualified institution as of and for the year ended December 31, 2021, stating that the certified investment information, as described in Note D to the financial statements, is complete and accurate.

Opinion on the 2021 Financial Statements

In our opinion, based on our audit and on the procedures performed as described in the Auditors' Responsibilities for the Audit of the 2021 Financial Statements section:

- the amounts and disclosures in the accompanying 2021 financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.
- the information in the accompanying 2021 financial statements related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).



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Basis for Opinion on the 2021 Financial Statements

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the 2021 Financial Statements section of our report. We are required to be independent of the United Refractories Co. Thrift Savings Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the 2021 Financial Statements

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

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

Auditors' Responsibilities for the Audit of the 2021 Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit of the 2021 Financial Statements section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if, there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of United Refractories Co. Thrift Savings 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 United Refractories Co. Thrift Savings Plan's ability to continue as a going concern for a reasonable period of time.

Our audit did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the 2021 financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of accounting principles generally accepted in the United States of America.

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

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

Other Matters

2021 Supplemental Schedules Required by ERISA

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

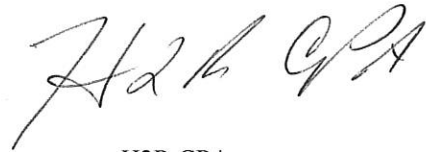
In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, other than the information agreed to or derived from the certified investment information, including their form and content, are presented in conformity with the Department of Labor's Rules and Regulations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

In our opinion:

- the form and content of the supplemental schedule, other than the information in the supplemental schedule that agreed to or is derived from the certified investment information, is presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.
- the information in the supplemental schedule related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Auditors' Report on the 2020 Financial Statements

We were engaged to audit the 2020 financial statements of the United Refractories Co. Thrift Savings Plan. As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA, the plan administrator instructed us not to perform and we did not perform any auditing procedures with respect to the information certified by a qualified institution. In our report dated October 15, 2021, we indicated that (a) because of the significance of the information that we did not audit, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion and accordingly, we did not express an opinion on the 2020 financial statements, and (b) the form and content of the information included in the 2020 financial statements other than that derived from the certified information were presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

A handwritten signature in black ink, appearing to read "H2R CPA", is positioned above the printed name.

H2R CPA
Pittsburgh, Pennsylvania

UNITED REFRACTORIES CO. THRIFT SAVINGS PLAN
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
DECEMBER 31, 2021 AND 2020

ASSETS

	<u>2021</u>	<u>2020</u>
INVESTMENTS AT FAIR VALUE		
Mutual funds	\$ 8,199,626	\$ 6,775,254
Fixed annuities	373,305	444,209
Collective trust funds	<u>250,536</u>	<u>165,422</u>
TOTAL INVESTMENTS AT FAIR VALUE	<u>8,823,467</u>	<u>7,384,885</u>
RECEIVABLES		
Employer contributions receivable	-	1,490
Notes receivable from participants	<u>19,378</u>	<u>25,810</u>
TOTAL RECEIVABLES	<u>19,378</u>	<u>27,300</u>
TOTAL ASSETS	<u>8,842,845</u>	<u>7,412,185</u>

LIABILITIES

LIABILITIES		
Corrective distributions	<u>83,462</u>	<u>118,412</u>
NET ASSETS AVAILABLE FOR BENEFITS	<u><u>\$ 8,759,383</u></u>	<u><u>\$ 7,293,773</u></u>

UNITED REFRACTORIES CO. THRIFT SAVINGS PLAN
STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
FOR THE YEAR ENDED DECEMBER 31, 2021

ADDITIONS:

Investment Earnings:

Mutual funds

Realized and unrealized gains \$ 613,742

Dividends 439,902

Dividends on fixed annuities 3,540

Gains on collective trust funds 76,855

Total investment earnings \$ 1,134,039

Interest income on notes receivable from participants 903

Contributions:

Employee 499,689

Qualified non-elective 115

Total contributions 499,804

TOTAL ADDITIONS 1,634,746

DEDUCTIONS:

Distributions to participants 57,805

Corrective distributions 83,462

Administrative expenses 27,869

TOTAL DEDUCTIONS 169,136

NET INCREASE IN NET ASSETS AVAILABLE FOR BENEFITS 1,465,610

NET ASSETS AVAILABLE FOR BENEFITS - BEGINNING OF YEAR 7,293,773

NET ASSETS AVAILABLE FOR BENEFITS - END OF YEAR \$ 8,759,383

**UNITED REFRACTORIES CO. THRIFT SAVINGS PLAN
NOTES TO THE FINANCIAL STATEMENTS**

Note A - Description of Plan

General - The United Refractories Co. Thrift Savings Plan (the Plan), as amended and restated effective January 1, 2021, is a defined contribution plan covering eligible employees of United Refractories Co. and Uni-Ref Inc., a participating employer (collectively, the Company). The Plan document is the governing instrument and should be referred to for a full description of the Plan and its provisions. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

Eligibility - Employees are eligible to participate in the Plan after completion of 60 days of service, with the exception of leased employees, whom are not eligible to participate in the Plan. Prior to January 1, 2021, employees were not required to complete 60 days of service prior to becoming eligible.

Employee Contributions – Participants may contribute pre-tax and Roth amounts as defined by the Plan, up to 100% of eligible compensation, in accordance with the Internal Revenue Code section 415 limits. Employees may also elect to make catch-up contributions provided they have reached age 50 by the end of the current calendar year. Participants may also contribute rollovers from other qualified plans. Effective January 1, 2021, newly eligible participants, unless electing otherwise, will be automatically enrolled in the plan at a rate of 1% of eligible compensation, which increases 1% each Plan year, up to 5% of eligible compensation. Current participants who have no salary deferral election, or who have made a salary deferral election that is less than 1%, will automatically be increased to 1%, unless they elect otherwise. Eligible compensation includes W-2 wages. All fringe benefits, reimbursements, or other expense allowances, moving expenses, deferred compensation, and welfare benefits, and deemed section 125 compensation, as defined under the terms of the Plan, are not considered eligible compensation. Eligible compensation is subject to annual limitations prescribed by the IRC.

Employer Contributions – The Company may contribute a Matching Contribution to those eligible Plan participants who make salary deferrals to the Plan and who have completed at least 1,000 hours of service during the first 12 months of employment, or upon completion of one year of service. The Company Matching Contribution is at the sole discretion of the Company and is calculated as a percentage of an eligible participant's salary deferral. The Company may also make an Employer Contribution on behalf of those eligible employees who have completed at least 1,000 hours of service during the first 12 months of employment, or upon completion of one year of service. The Employer Contribution is at the sole discretion of the Company and is calculated as a percentage of compensation or as a dollar amount. There were no company Matching Contributions or Employer Contributions during 2021. Prior to January 1, 2021, the Company could have contributed a Safe Harbor Contribution to those participants whom were eligible to make salary deferrals in an amount equal to 100% of salary deferrals that did not exceed 3% of compensation, plus 50% of salary deferrals between 3% and 5% of compensation. Additionally, employees must have attained the age of 21 and completed a year of service, as defined under the terms of the Plan, in order to be eligible to receive a Safe Harbor Contribution. Effective July 4, 2020, the Plan was amended to suspend the Safe Harbor Contribution. Company Safe Harbor Contributions for the year ended December 31, 2021 amounted to \$97,499.

Prior to January 1, 2021, the Company could have contributed a Profit Sharing Contribution to those participants who have completed 12 consecutive months of service from the date of employment during which at least 1,000 hours of service has been completed; or if 1,000 hours of service is not completed, then the participant would have become eligible upon satisfaction of 12 consecutive months of employment. The participant must also have been employed on the last day of the Plan year; unless the Plan year was the year of death, disability, termination of employment after normal retirement age or termination of employment after early retirement date, at which point the participant would be eligible. The Profit Sharing Contribution was allocated to participants based on the ratio of their compensation to the total compensation of all participants eligible to share.

**UNITED REFRACTORIES CO. THRIFT SAVINGS PLAN
NOTES TO THE FINANCIAL STATEMENTS**

Note A - Description of Plan (Continued)

Participants may direct their own contributions, as well as the Company's contributions, into any of a number of mutual funds, a collective trust fund, or a fixed annuity fund maintained by Great-West Trust Company, LLC.

Prior to December 9, 2020, participants could have directed their own contributions, as well as the Company's contributions, into any of a number of mutual funds or a stable value fund maintained by Transamerica Life Insurance Company, Inc.

Participant Accounts - Each participant's account is credited with the employee's contribution, the Company's Matching Contributions and Employer Contributions, Plan earnings, and certain administrative fees, as appropriate. Prior to January 1, 2021, each participant's account was credited with the employee's contribution and the Company's Safe Harbor and Profit Sharing Contributions, Plan earnings, and certain administrative fees, as appropriate.

Vesting - Participants are fully vested in the value of their contributions, as well as those employer Safe Harbor Contributions made prior to January 1, 2021, at all times. Participants are vested in the value of employer Profit Sharing Contributions made prior to January 1, 2021, and Company Matching Contributions and Employer Contributions, as follows:

<u>Years of Service</u>	<u>Percentage of Vesting</u>
Less than 2	0%
2	20
3	40
4	60
5	80
6	100

Forfeitures - The Plan permits the Company, at its sole discretion, to reduce its company Matching Contributions, Employer Contributions, or administrative expenses with forfeitures, which represent the unvested portion of participants' accounts. Prior to January 1, 2021, the Plan permitted the Company to reduce its employer Safe Harbor Contributions, Profit Sharing Contributions, or administrative expenses with forfeitures. In 2021, no forfeitures were used. There was no forfeited non-vested account balance at December 31, 2021 and 2020.

Notes Receivable from Participants - Participants may borrow a minimum of \$1,000 up to a maximum of 50% of the vested account balance or \$50,000, whichever is less. Loans, which bear interest at a rate the plan administrator deems nondiscriminatory, are collateralized by the vested portion of the participant's account and repayments are made through payroll deductions, generally up to no longer than 5 years. Interest rates ranged from 3.25% to 5.36% at December 31, 2021 and from 3.2% to 5.36% at December 31, 2020. Participant loans are considered assets of the Plan and are valued based on the unpaid principal balance plus accrued by unpaid interest.

UNITED REFRACTORIES CO. THRIFT SAVINGS PLAN
NOTES TO THE FINANCIAL STATEMENTS

Note A - Description of Plan (Continued)

Benefit Payments – The vested portion of individual accounts can be distributed upon the death, disability, normal retirement, early retirement, or termination for reasons other than death, disability or retirement. In-service distributions are generally available from certain accounts that are fully vested as long as the participant has attained the age of 59 ½ and the amount must be at least \$1,000. A participant may also withdraw money from certain accounts to satisfy certain immediate and heavy financial needs, as defined under the terms of the Plan, by means of a hardship distribution. Additionally, effective January 1, 2021, in-service distributions are allowed from certain accounts as a qualified reservist distribution or upon a deemed separation of employment when an individual is on active duty for a period of at least 30 days while performing service in the uniformed services. Vested account balances that do not exceed \$5,000 may only be distributed in a single lump-sum payment. Vested account balances that exceed \$5,000 may be distributed in a single lump-sum payment or partial withdrawals or installments, but only with respect to minimum required distributions. Vested account balances that do not exceed \$5,000 may be rolled over to an IRA selected by the Company without consent. Prior to January 1, 2021, vested account balances that did not exceed \$1,000 may have been distributed without participant consent. During 2020, participants had the ability to take a CARES Act distribution (Note G).

Plan Termination - Although there is not a present intent to do so, the Company has reserved the right to terminate or partially terminate the Plan and, upon termination, all participants will become fully vested in any funds which have been allocated to them.

Note B - Summary of Significant Accounting Policies

The financial statements of the Plan have been prepared on the accrual basis and in conformity with accounting principles generally accepted in the United States of America. The following are the significant accounting policies followed by the Plan:

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 significant estimates and assumptions that affect the reported amounts of assets, liabilities and changes therein and the disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of additions and deductions during the reporting period. Actual results could differ from these estimates.

Contribution Revenue - Employee contributions, Company Matching Contributions, and Employer Contributions are recognized as additions to Plan assets in the year designated by the employee and Company, respectively.

Investment Valuation and Income Recognition - The Plan's investments are reported at fair value (Notes D and E). Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on an accrual basis, and dividends are recorded on the ex-dividend date. Net appreciation includes the Plan's gains and losses on investments bought and sold as well as held during the year.

Notes Receivable from Participants – Notes receivable from participants are reported at their unpaid principal balance plus any accrued but unpaid interest. Interest income on loans is recorded on the accrual basis. An allowance for notes receivable from participants has not been recorded as delinquent notes receivable from participants are recorded as a distribution and reduction of the participant loan balance based upon the terms of the plan document.

Benefit Payments - Benefits are recorded when paid.

UNITED REFRACTORIES CO. THRIFT SAVINGS PLAN
NOTES TO THE FINANCIAL STATEMENTS

Note B - Summary of Significant Accounting Policies (Continued)

Corrective Distributions – Amounts payable to participants for contributions in excess of amounts allowed by IRC are recorded as a liability with a corresponding deduction in net assets recognized in the Statement of Changes in Net Assets Available for Benefits. At December 31, 2021, there was a liability in the amount of \$83,462 relating to current year excess amounts to be distributed subsequent to year-end. At December 31, 2020, there was a liability in the amount of \$118,412 relating to 2020 excess amounts that were distributed in 2021.

Administrative Expenses – The Plan permits the payment of Plan expenses to be made from the Plan's assets.

Subsequent Events - Management has evaluated subsequent events through October 11, 2022, the date the financial statements were available to be issued and disclosed in Note I.

Note C - Tax Status

The Internal Revenue Service has determined by a letter dated June 30, 2020 that the Non-Standardized Pre-Approved Profit Sharing Plan used to set the guidelines of the Plan is qualified under Section 401 of the Internal Revenue Code (IRC), as amended, and the regulations thereunder, and the Plan is thereby tax-exempt within the meaning of Section 501(a) of the IRC. The Plan has been amended since receiving the determination letter. The plan administrator believes that the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC.

GAAP requires plan management to evaluate tax positions taken by the Plan and to recognize a tax benefit if it is more likely than not the tax position would be sustained upon examination by the applicable authorities. The remainder of the tax position is required to be recorded as a tax liability. The Plan's tax returns for 2018, 2019, and 2020 are subject to examination by the taxing authorities, generally for three years after they were filed. The Plan currently has no uncertain tax positions and, therefore, no liabilities have been recorded.

Note D - Investments (Certified)

The investment assets of the Plan, as well as the information contained in the supplemental schedule and the unaudited investment income or loss, including interest, dividends, expenses, realized and unrealized gains and losses, and fair value measurements of investments (Note E) have been certified by the Custodians as of and for the years ended December 31, 2021 and 2020, in accordance with 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.

For the period December 9, 2020 through December 31, 2021, the investments were held by Great-West Trust Company, LLC. For the period prior to December 9, 2020, the investments were held by Transamerica Life Insurance Company, Inc.

The following information is the reported fair value certified by the Custodian:

UNITED REFRACTORIES CO. THRIFT SAVINGS PLAN
NOTES TO THE FINANCIAL STATEMENTS

Note D - Investments (Certified) (Continued)

	<u>2021</u>	<u>2020</u>
Value of investments in mutual funds	\$ 8,199,626	\$ 6,775,254
Value of investments in fixed annuities	\$ 373,305	\$ 444,209
Value of investments in collective trust funds	\$ 250,536	\$ 165,422
Notes receivable from participants	\$ 19,378	\$ 25,810
Realized and unrealized gains in mutual funds	\$ 613,742	
Dividends – mutual funds	\$ 439,902	
Dividends – fixed annuities	\$ 3,540	
Gains on collective trust funds	\$ 76,855	
Interest income on notes receivable from participants	\$ 903	

Note E - Fair Value Measurements

Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC) 820, “Fair Value Measurements and Disclosures,” establishes a framework for measuring fair value. This framework provides a fair value hierarchy that prioritizes the inputs into three broad levels. Level 1 inputs are unadjusted quoted prices for identical assets in active markets that the Plan has the ability to access. Level 2 inputs are quoted prices for similar assets in active markets or inputs that are observable for the asset, either directly or indirectly through market corroboration, for substantially the full term of the asset. Level 3 inputs are unobservable and significant inputs developed by the plan sponsor based on the best information available about the assumptions market participants would use in pricing the asset. A financial asset’s classification within the hierarchy is determined based on the lowest level input that is significant to the fair value measurement. Valuation techniques maximize the use of observable inputs and minimize the use of unobservable inputs.

The following is a description of the valuation methodology used in measuring Plan assets at fair value. There have been no changes in the methodologies used at December 31, 2021 and 2020.

Mutual Funds – Determined based upon the net asset value of shares held by the Plan and normally obtained from the National Securities Clearing Corporation, from the fund house, or a secondary pricing source, such as Interactive Data Corporation. The mutual funds held by the Plan are deemed to be actively traded.

Fixed Annuities – Determined by the annuity provider and is generally based upon all contributions made by or on behalf of the participant to the fund, plus all interest credited to the fund, less any amounts transferred or distributed from the fund, less any applicable charges.

Collective Trust Funds – Determined based upon the net asset value of shares held as obtained directly from the fund house or investment provider. There are no unfunded commitments relating to these types of investments or significant restrictions on redemptions.

The valuation methods described may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while 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.

UNITED REFRACTORIES CO. THRIFT SAVINGS PLAN
NOTES TO THE FINANCIAL STATEMENTS

Note E - Fair Value Measurements (Continued)

The following tables detail the assets' fair value measured as of December 31, 2021 and 2020:

	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
December 31, 2021				
Mutual funds	\$ 8,199,626	\$ -	\$ -	\$ 8,199,626
Fixed annuities	<u>-</u>	<u>373,305</u>	<u>-</u>	<u>373,305</u>
Total investments in fair value hierarchy	\$ 8,199,626	\$ 373,305	\$ -	\$ 8,572,931
Collective trust funds (NAV)				<u>250,536</u>
Total assets at fair value				<u>\$ 8,823,467</u>
December 31, 2020				
Mutual funds	\$ 6,775,254	\$ -	\$ -	\$ 6,775,254
Fixed annuities	<u>-</u>	<u>444,209</u>	<u>-</u>	<u>444,209</u>
Total investments in fair value hierarchy	\$ 6,775,254	\$ 444,209	\$ -	\$ 7,219,463
Collective trust funds (NAV)				<u>165,422</u>
Total assets at fair value				<u>\$ 7,384,885</u>

Note F - Party-in-Interest

On December 31, 2021 and 2020, the Plan's assets invested in the fixed annuity fund is maintained by Great-West Trust Co., LLC. Transactions executed in this account are party-in-interest transactions. Fees paid by the Plan for third party administrative services and transactions fees totaled \$27,869. These transactions qualify as party-in-interest transactions and are exempt from the IRC and ERISA's rules on prohibited transactions.

Note G - Plan Amendments

Effective January 1, 2021, the Plan was amended and restated. General changes include the need to satisfy a service requirement prior to becoming eligible, an automatic enrollment feature, an automatic deferral increase feature, the Company offering a Matching Contribution and an Employer Contribution, both of which being discretionary, and changing requirements to receive certain distributions. Participants should refer to the Plan agreement for more complete information.

During 2020, the Plan adopted the distribution provisions of the Coronavirus Aid, Relief, and Economic Security (CARES) Act that was signed into law on March 27, 2020. A CARES Act distribution allowed the Plan's participants to take a COVID-19 related distribution up to \$100,000 from the Plan during 2020.

Effective July 4, 2020, the Plan was amended to suspend the employer Safe Harbor Contribution.

UNITED REFRACTORIES CO. THRIFT SAVINGS PLAN
NOTES TO THE FINANCIAL STATEMENTS

Note H – Risks and Uncertainties

The Plan provides for various investment options into any number of mutual funds, a fixed annuity fund, or a collective trust fund, and previously offered a stable value fund option. 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 and the level of uncertainty related to changes in the value of investment securities, it is at least reasonably possible that changes in the near term could materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits and the statement of changes in net assets available for benefits.

As a result of the COVID-19 coronavirus pandemic, economic uncertainties could result in a significant volatility in the investment markets, resulting in a substantial decline in the value of investments. The duration of these uncertainties and the ultimate financial effects cannot be reasonably estimated at this time.

Note I – Subsequent Events

Effective January 1, 2022, the Plan was amended to be a Traditional Safe Harbor 401(k) Plan under Code Section 401(k)(12). Accordingly, the Company is to make a Safe Harbor Matching Contribution each payroll period to those eligible participants in an amount of 100% of salary deferrals up to the first 3% of eligible compensation, plus 50% of salary deferrals up to the next 2% of eligible compensation.

SUPPLEMENTAL SCHEDULE

UNITED REFRACTORIES CO. THRIFT SAVINGS PLAN
SCHEDULE H, PART IV, LINE 4i - SCHEDULE OF ASSETS HELD AT END OF YEAR
EIN: 25-1256814
PLAN NUMBER 001
DECEMBER 31, 2021

(a)	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	Cost (d)	Current Value (e)
	American Century Mid Cap Value R6	Mutual Funds	**	\$ 63,898
	American Funds 2010 Target Date Retirement R6	Mutual Funds	**	262,287
	American Funds 2025 Target Date Retirement R6	Mutual Funds	**	246,009
	American Funds 2030 Target Date Retirement R6	Mutual Funds	**	1,789,202
	American Funds 2035 Target Date Retirement R6	Mutual Funds	**	422,828
	American Funds 2040 Target Date Retirement R6	Mutual Funds	**	186,301
	American Funds 2045 Target Date Retirement R6	Mutual Funds	**	407,888
	American Funds 2050 Target Date Retirement R6	Mutual Funds	**	36,175
	American Funds 2055 Target Date Retirement R6	Mutual Funds	**	160,205
	American Funds 2060 Target Date Retirement R6	Mutual Funds	**	369,404
	American Funds 2065 Target Date Retirement R6	Mutual Funds	**	1,435
	American Funds Europacific GR R6	Mutual Funds	**	113,485
	American Funds Smallcap World R6	Mutual Funds	**	349,251
	Blackrock Global Allocation K	Mutual Funds	**	11,804
	Clearbridge Small Cap Growth IS	Mutual Funds	**	363,165
	Federated Hermes Total Return Bond R6	Mutual Funds	**	45,664
	Fidelity 500 Index	Mutual Funds	**	1,009,825
	Fidelity Emerging Markets Index	Mutual Funds	**	110,813
	Fidelity Mid Cap Index	Mutual Funds	**	451,567
	Fidelity Small Cap Index	Mutual Funds	**	277,802
	Franklin Small Cap Value R6	Mutual Funds	**	35,993
	Invesco Gold & Special Minerals R6	Mutual Funds	**	457,147
	Janus Henderson Balanced N	Mutual Funds	**	13,355
	Janus Henderson Enterprise N	Mutual Funds	**	134,753
	Janus Henderson Global Tech Innovation N	Mutual Funds	**	284,945
	JPMorgan Large Cap Growth R6	Mutual Funds	**	93,540
	MFS Intl Diversification R6	Mutual Funds	**	312,747
	PGIM High-Yield R6	Mutual Funds	**	14,603
	PIMCO Long-Term Real Return Inst	Mutual Funds	**	12,103
	T. Rowe Price U.S. Equity Research I	Mutual Funds	**	118,811
	Western Asset Core Bond IS	Mutual Funds	**	42,621
*	GW Fixed Account - Series Class I	Fixed Annuities	**	373,305
	State St REIT INDX SL CL II	Collective Trust Funds	**	250,536
*	Participant loans	Interest Rates 3.25% to 5.36%, terms from 52 months to 168 months	\$ -	19,378
				<u>\$ 8,842,845</u>

* Represents investments with a party-in-interest

** Cost information is not required for participant-directed investments and, therefore, is not included.

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 2021 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information		
For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021			
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	UNITED REFRACTORIES CO. THRIFT SAVINGS PLAN	1b Three-digit plan number (PN) ▶	001
		1c Effective date of plan	06/01/1984
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)	UNITED REFRACTORIES CO. 264 VALLEYBROOK DRIVE MCMURRAY, PA 15317-3256	2b Employer Identification Number (EIN)	25-1256814
		2c Plan Sponsor's telephone number (724) 941-9300	
		2d Business code (see instructions)	332700

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		10/13/2022	
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE		10/13/2022	
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE		10/13/2022	
	Signature of DFE	Date	Enter name of individual signing as DFE

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

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3a Plan administrator's name and address ☒ Same as Plan Sponsor		3b Administrator's EIN	
		3c Administrator's telephone number	
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name		4b EIN 4d PN	
5 Total number of participants at the beginning of the plan year		5	122
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)	89
a(2) Total number of active participants at the end of the plan year		6a(2)	101
b Retired or separated participants receiving benefits.....		6b	0
c Other retired or separated participants entitled to future benefits		6c	49
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d	150
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e	0
f Total. Add lines 6d and 6e		6f	150
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)		6g	137
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested		6h	0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item).....		7	
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2E 2F 2G 2J 2K 3D 3H			
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 2021 Form M-1 annual report. If the plan was not required to file the 2021 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 _____

UNITED REFRACTORIES CO. THRIFT SAVINGS PLAN
SCHEDULE H, PART IV, LINE 4i - SCHEDULE OF ASSETS HELD AT END OF YEAR
EIN: 25-1256814
PLAN NUMBER 001
DECEMBER 31, 2021

(a)	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	Cost (d)	Current Value (e)
	American Century Mid Cap Value R6	Mutual Funds	**	\$ 63,898
	American Funds 2010 Target Date Retirement R6	Mutual Funds	**	262,287
	American Funds 2025 Target Date Retirement R6	Mutual Funds	**	246,009
	American Funds 2030 Target Date Retirement R6	Mutual Funds	**	1,789,202
	American Funds 2035 Target Date Retirement R6	Mutual Funds	**	422,828
	American Funds 2040 Target Date Retirement R6	Mutual Funds	**	186,301
	American Funds 2045 Target Date Retirement R6	Mutual Funds	**	407,888
	American Funds 2050 Target Date Retirement R6	Mutual Funds	**	36,175
	American Funds 2055 Target Date Retirement R6	Mutual Funds	**	160,205
	American Funds 2060 Target Date Retirement R6	Mutual Funds	**	369,404
	American Funds 2065 Target Date Retirement R6	Mutual Funds	**	1,435
	American Funds Europacific GR R6	Mutual Funds	**	113,485
	American Funds Smallcap World R6	Mutual Funds	**	349,251
	Blackrock Global Allocation K	Mutual Funds	**	11,804
	Clearbridge Small Cap Growth IS	Mutual Funds	**	363,165
	Federated Hermes Total Return Bond R6	Mutual Funds	**	45,664
	Fidelity 500 Index	Mutual Funds	**	1,009,825
	Fidelity Emerging Markets Index	Mutual Funds	**	110,813
	Fidelity Mid Cap Index	Mutual Funds	**	451,567
	Fidelity Small Cap Index	Mutual Funds	**	277,802
	Franklin Small Cap Value R6	Mutual Funds	**	35,993
	Invesco Gold & Special Minerals R6	Mutual Funds	**	457,147
	Janus Henderson Balanced N	Mutual Funds	**	13,355
	Janus Henderson Enterprise N	Mutual Funds	**	134,753
	Janus Henderson Global Tech Innovation N	Mutual Funds	**	284,945
	JPMorgan Large Cap Growth R6	Mutual Funds	**	93,540
	MFS Intl Diversification R6	Mutual Funds	**	312,747
	PGIM High-Yield R6	Mutual Funds	**	14,603
	PIMCO Long-Term Real Return Inst	Mutual Funds	**	12,103
	T. Rowe Price U.S. Equity Research I	Mutual Funds	**	118,811
	Western Asset Core Bond IS	Mutual Funds	**	42,621
*	GW Fixed Account - Series Class I	Fixed Annuities	**	373,305
	State St REIT INDX SL CL II	Collective Trust Funds	**	250,536
*	Participant loans	Interest Rates 3.25% to 5.36%, terms from 52 months to 168 months	\$ -	19,378
				<u>\$ 8,842,845</u>

* Represents investments with a party-in-interest

** Cost information is not required for participant-directed investments and, therefore, is not included.