

<p style="text-align: center;">Form 5500</p> <p style="text-align: center; font-size: small;">Department of the Treasury Internal Revenue Service</p> <hr/> <p style="text-align: center; font-size: small;">Department of Labor Employee Benefits Security Administration</p> <hr/> <p style="text-align: center; font-size: x-small;">Pension Benefit Guaranty Corporation</p>	<p style="text-align: center;">Annual Return/Report of Employee Benefit Plan</p> <p style="text-align: center; font-size: small;">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).</p> <p style="text-align: center; font-weight: bold;">▶ Complete all entries in accordance with the instructions to the Form 5500.</p>	<p style="text-align: right; font-size: x-small;">OMB Nos. 1210-0110 1210-0089</p> <hr/> <p style="text-align: center; font-size: large; font-weight: bold;">2022</p> <hr/> <p style="text-align: center; font-weight: bold;">This Form is Open to Public Inspection</p>
---	--	--

Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A	This return/report is for: <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div> ☐ a multiemployer plan </div> <div> ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) </div> </div> <div style="margin-top: 5px;"> ☒ a single-employer plan <div style="margin-left: 100px;">☐ a DFE (specify) _____</div> </div>
B	This return/report is: <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div> ☐ the first return/report </div> <div> ☐ the final return/report </div> </div> <div style="margin-top: 5px;"> ☐ an amended return/report <div style="margin-left: 100px;">☐ a short plan year return/report (less than 12 months)</div> </div>
C	If the plan is a collectively-bargained plan, check here. ▶ ☐
D	Check box if filing under: <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div> ☒ Form 5558 </div> <div> ☐ automatic extension </div> <div> ☐ the DFVC program </div> </div> <div style="margin-top: 5px;"> ☐ special extension (enter description) </div>
E	If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. ▶ ☐

Part II	Basic Plan Information—enter all requested information		
1a	Name of plan TRANE PENSION PLAN	1b	Three-digit plan number (PN) ▶ 003
1c	Effective date of plan 09/01/2003		
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) TRANE U.S. INC. 800 E BEATY STREET DAVIDSON, NC 28036	2b	Employer Identification Number (EIN) 25-0900465
2c	Plan Sponsor's telephone number 704-655-4000		
2d	Business code (see instructions) 332900		

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.	10/16/2023	PAUL LONGSTREET
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE	Signature of DFE	Date	Enter name of individual signing as DFE

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

Form 5500 (2022)
v. 220413

3a Plan administrator's name and address ☐ Same as Plan Sponsor TRANE TECHNOLOGIES BENEFITS ADMINISTRATION COMMITTEE 800 E BEATY STREET DAVIDSON, NC 28036	3b Administrator's EIN 22-2116054 3c Administrator's telephone number 704-655-4000
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 2270
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits c Other retired or separated participants entitled to future benefits..... d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)..... h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	6a(1) 1392 6a(2) 1265 6b 92 6c 760 6d 2117 6e 30 6f 2147 6g 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: 1C 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) ☐ A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☐ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)

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

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

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

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

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

Receipt Confirmation Code _____

SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
--	--	---

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

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

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

A Name of plan <u>TRANE PENSION PLAN</u>	B Three-digit plan number (PN) ▶ <u>003</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>TRANE U.S. INC.</u>	D Employer Identification Number (EIN) <u>25-0900465</u>
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500

Part I	Basic Information
1 Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2022</u>	
2 Assets:	
a Market value.....	2a <u>19160086</u>
b Actuarial value	2b <u>19149867</u>
3 Funding target/participant count breakdown	(1) Number of participants (2) Vested Funding Target (3) Total Funding Target
a For retired participants and beneficiaries receiving payment	<u>103</u> <u>1397873</u> <u>1397873</u>
b For terminated vested participants.....	<u>776</u> <u>5560356</u> <u>5560356</u>
c For active participants.....	<u>1392</u> <u>8709792</u> <u>8886377</u>
d Total	<u>2271</u> <u>15668021</u> <u>15844606</u>
4 If the plan is in at-risk status, check the box and complete lines (a) and (b)..... ☐	
a Funding target disregarding prescribed at-risk assumptions.....	4a
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b
5 Effective interest rate.....	5 <u>5.35 %</u>
6 Target normal cost	
a Present value of current plan year accruals.....	6a <u>0</u>
b Expected plan-related expenses	6b <u>326000</u>
c Total (line 6a + line 6b)	6c <u>326000</u>

Statement by Enrolled Actuary

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

SIGN HERE		<u>09/27/2023</u>
	Signature of actuary	Date
<u>BRENDA G. STOVALL</u>	Type or print name of actuary	<u>23-05721</u>
		Most recent enrollment number
<u>WILLIS TOWERS WATSON US LLC</u>	Firm name	<u>901-930-0000</u>
		Telephone number (including area code)
<u>3340 PLAYERS CLUB PARKWAY</u> <u>SUITE 200</u> <u>MEMPHIS, TN 38125</u>	Address of the firm	

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

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

Schedule SB (Form 5500) 2022
v. 220413

Part V Assumptions Used to Determine Funding Target and Target Normal Cost**21** Discount rate:**a** Segment rates:1st segment:
4.75 %2nd segment:
5.18 %3rd segment:
5.92 %☐ N/A, full yield curve used**b** Applicable month (enter code).....**21b**

4

22 Weighted average retirement age**22**

63

23 Mortality table(s) (see instructions)☐

Prescribed - combined

☒

Prescribed - separate

☐

Substitute

Part VI Miscellaneous Items**24** Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment. ☒ Yes ☐ No**25** Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment. ☐ Yes ☒ No**26** Demographic and benefit information**a** Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment. ☒ Yes ☐ No**b** Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment ... ☒ Yes ☐ No**27** If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment**27****Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years****28** Unpaid minimum required contributions for all prior years.....**28**

0

29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)**29**

0

30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)**30**

0

Part VIII Minimum Required Contribution For Current Year**31** Target normal cost and excess assets (see instructions):**a** Target normal cost (line 6c).....**31a**

326000

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

326000

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

0

0

b Waiver amortization installment

0

0

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

0

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

0

0

0

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

0

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

1830157

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

1830157

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

0

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

0

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

0

Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)**41** If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. ☐ 2019 ☐ 2020 ☒ 2021

<div>SCHEDULE C</div> <div>(Form 5500)</div> <div>Department of the Treasury Internal Revenue Service</div> <div>Department of Labor Employee Benefits Security Administration</div> <div>Pension Benefit Guaranty Corporation</div>	<div>Service Provider Information</div> <div>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).</div> <div>▶ File as an attachment to Form 5500.</div>	OMB No. 1210-0110
		2022
		This Form is Open to Public Inspection.

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan TRANE PENSION PLAN	B Three-digit plan number (PN) ▶	003
C Plan sponsor's name as shown on line 2a of Form 5500 TRANE U.S. INC.	D Employer Identification Number (EIN) 25-0900465	

Part I Service Provider Information (see instructions)

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

1 Information on Persons Receiving Only Eligible Indirect Compensation

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

MILLIMAN

91-0675641

(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?
14	NONE	115585	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

TOWERS WATSON DELAWARE, INC.

23-1159360

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
11	NONE	60317	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

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

Part I Service Provider Information (continued)

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

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

Part II Service Providers Who Fail or Refuse to Provide Information

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

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

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

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

SCHEDULE H (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>		
A Name of plan <u>TRANE PENSION PLAN</u>	B Three-digit plan number (PN) ►	<u>003</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>TRANE U.S. INC.</u>	D Employer Identification Number (EIN) <u>25-0900465</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	280996	465119
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)		2000000
(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)		
(9) Value of interest in common/collective trusts.....	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts.....	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	18879090	14675796
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	19160086	17140915

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j	24541	20904
k Total liabilities (add all amounts in lines 1g through 1j)	1k	24541	20904

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	19135545	17120011
---	-----------	----------	----------

Part II Income and Expense Statement

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

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	2000000	
(B) Participants	2a(1)(B)		
(C) Others (including rollovers)	2a(1)(C)		
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		2000000
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	178	
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)		
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		178
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)	650756	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)		
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		650756
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	-269155	
(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)		-269155
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)	-2984895	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		-2984895

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		
c Other income	2c		
d Total income. Add all income amounts in column (b) and enter total	2d		-603116
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	986514	
(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)		986514
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)	58476	
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)	128020	
(4) Other	2i(4)	239408	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		425904
j Total expenses. Add all expense amounts in column (b) and enter total	2j		1412418
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-2015534
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: FORVIS, LLP

(2) EIN: 44-0160260

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		40000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)	X		
4j	X		
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		X	
4k		X	
l Has the plan failed to provide any benefit when due under the plan?		X	
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
4m			
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			
4n			

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

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

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

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☒ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 514875.

<div>SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</div>	<div>Retirement Plan Information</div> <div>This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code).</div> <div>► File as an attachment to Form 5500.</div>	<div>OMB No. 1210-0110</div> <div>2022</div> <div>This Form is Open to Public Inspection.</div>
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan TRANE PENSION PLAN		B Three-digit plan number (PN) ► 003
C Plan sponsor's name as shown on line 2a of Form 5500 TRANE U.S. INC.		D Employer Identification Number (EIN) 25-0900465
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): 13-1483824 13-3795042		
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 96
Part II Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)		
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ☐ Yes ☒ No ☐ N/A If the plan is a defined benefit plan, go to line 8.		
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived).....		6a
b Enter the amount contributed by the employer to the plan for this plan year.....		6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....		6c
If you completed line 6c, skip lines 8 and 9.		
7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ☐ Yes ☐ No ☐ N/A		
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ☐ Yes ☐ No ☐ N/A		
Part III Amendments		
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box..... ☐ Increase ☐ Decrease ☐ Both ☒ No		
Part IV ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.		
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?..... ☐ Yes ☐ No		
11 a Does the ESOP hold any preferred stock?..... ☐ Yes ☐ No		
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)..... ☐ Yes ☐ No		
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?..... ☐ Yes ☐ No		
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2022 v. 220413		

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

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

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

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: 0 % Investment-Grade Debt: 99 % High-Yield Debt: 0 % Real Estate: 0 % Other: 1 %

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 _____

Independent Auditor's Report

To the Participants and Plan Administrator of the
Trane Pension Plan
Davidson, NC

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

We have performed audits of the financial statements of the Trane Pension Plan (the "Plan"), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statements of changes in net assets available for benefits for the years then ended, the statement of accumulated plan benefits as of December 31, 2021, the related statement of changes in accumulated plan benefits for the year ended December 31, 2021 and the related notes to the financial statements (financial statements).

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

Management has obtained certifications from the trustee as of and for the years ended December 31, 2022 and 2021, stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

Opinion

In our opinion, based on our audits and on the procedures performed as described in the Auditor's Responsibilities for the Audit of the Financial Statements section:

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

Basis for Opinion

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

Responsibilities of Management

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

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

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

Auditor's Responsibilities for the Audit of the Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit of the 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 audits.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

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

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

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

Other Matters - Supplemental Schedules Required by ERISA

The supplemental schedule of assets (held at the end of the year) as of December 31, 2022 and schedule of reportable transactions for the year ended December 31, 2022 listed in the table of contents are presented for purposes of additional analysis and are 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 schedules, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedules that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

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

In our opinion:

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

FORVIS,LLP

Charlotte, NC

October 13, 2023

Federal Employer Identification Number: 44-0160260

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 22 Description of Weighted Average Retirement Age as of January 1, 2022

See Schedule SB, Part V - Statement of Actuarial Assumptions/Methods for retirement rates. The average retirement age for Line 22 was calculated by determining the average age at retirement for those current active participants expected to reach retirement, based on all current decrements assumed.

Summary

<u>Plan</u>	<u>Number of Participants</u>	<u>Weighted Average Retirement Age</u>
Salaried	877	62.0973
Hourly Plan – Participants at least age 50 as of January 1, 2008	30	62.0156
Hourly Plan – Participants less than age 50 as of January 1, 2008	485	63.6019
Total Weighted Average Retirement Age		62.6198

Plan Name: Trane Pension Plan
EIN / PN: 25-0900465/003
Plan Sponsor: Trane U.S. Inc.
Valuation Date: January 1, 2022

SCHEDULE SB ATTACHMENTS

The average retirement age was calculated by creating a hypothetical life table with retirement as the only decrement, and then computing the average retirement age for the table.

Schedule SB, Line 22 – Description of Weighted Average Retirement Age

Salaried Plan

x						
Age	(mid year)	q_x^r	l_x	${}_{x-55}p_{55} = l_x / l_{55}$	$q_x^r * l_x / l_{55}$	$x * q_x^r * l_x / l_{55}$
55	55.5	8.00%	1,000,000	1.000000	0.080000	4.440000
56	56.5	8.00%	920,000	0.920000	0.073600	4.158400
57	57.5	8.00%	846,400	0.846400	0.067712	3.893440
58	58.5	8.00%	778,688	0.778688	0.062295	3.644260
59	59.5	8.00%	716,393	0.716393	0.057311	3.410030
60	60.5	10.00%	659,082	0.659082	0.065908	3.987443
61	61.5	10.00%	593,173	0.593173	0.059317	3.648016
62	62.5	20.00%	533,856	0.533856	0.106771	6.673200
63	63.5	20.00%	427,085	0.427085	0.085417	5.423977
64	64.5	20.00%	341,668	0.341668	0.068334	4.407515
65	65.5	30.00%	273,334	0.273334	0.082000	5.371019
66	66.5	30.00%	191,334	0.191334	0.057400	3.817113
67	67.5	30.00%	133,934	0.133934	0.040180	2.712159
68	68.5	30.00%	93,754	0.093754	0.028126	1.926638
69	69.5	30.00%	65,628	0.065628	0.019688	1.368335
70	70	100.00%	45,939	0.045939	0.045939	3.215751
Weighted Average Retirement Age =						62.097298

Plan Name: Trane Pension Plan
 EIN / PN: 25-0900465/003
 Plan Sponsor: Trane U.S. Inc.
 Valuation Date: January 1, 2022

SCHEDULE SB ATTACHMENTS

The average retirement age was calculated by creating a hypothetical life table with retirement as the only decrement, and then computing the average retirement age for the table.

Schedule SB, Line 22 – Description of Weighted Average Retirement Age

Hourly Plan – Participants at least age 50 as of January 1, 2008

Age	x (mid year)	q_x^r	l_x	${}_{x-55}p_{55} = l_x / l_{55}$	$q_x^r * l_x / l_{55}$	$x * q_x^r * l_x / l_{55}$
55	55.5	5.00%	1,000,000	1.000000	0.050000	2.775000
56	56.5	3.00%	950,000	0.950000	0.028500	1.610250
57	57.5	3.00%	921,500	0.921500	0.027645	1.589588
58	58.5	3.00%	893,855	0.893855	0.026816	1.568716
59	59.5	3.00%	867,039	0.867039	0.026011	1.547665
60	60.5	40.00%	841,028	0.841028	0.336411	20.352882
61	61.5	25.00%	504,617	0.504617	0.126154	7.758485
62	62.5	20.00%	378,463	0.378463	0.075693	4.730783
63	63.5	20.00%	302,770	0.302770	0.060554	3.845181
64	64.5	20.00%	242,216	0.242216	0.048443	3.124588
65	65.5	25.00%	193,773	0.193773	0.048443	3.173031
66	66.5	25.00%	145,330	0.145330	0.036332	2.416106
67	67.5	25.00%	108,997	0.108997	0.027249	1.839329
68	68.5	25.00%	81,748	0.081748	0.020437	1.399933
69	69.5	25.00%	61,311	0.061311	0.015328	1.065278
70	70	100.00%	45,983	0.045983	0.045983	3.218825
Weighted Average Retirement Age =						62.015639

Plan Name: Trane Pension Plan
 EIN / PN: 25-0900465/003
 Plan Sponsor: Trane U.S. Inc.
 Valuation Date: January 1, 2022

SCHEDULE SB ATTACHMENTS

The average retirement age was calculated by creating a hypothetical life table with retirement as the only decrement, and then computing the average retirement age for the table.

Schedule SB, Line 22 – Description of Weighted Average Retirement Age

Hourly Plan – Participants less than age 50 as of January 1, 2008

Age	x (mid year)	q_x^r	l_x	${}_{x-55}p_{55} = l_x / l_{55}$	$q_x^r * l_x / l_{55}$	$x * q_x^r * l_x / l_{55}$
55	55.5	5.00%	1,000,000	1.000000	0.050000	2.775000
56	56.5	3.00%	950,000	0.950000	0.028500	1.610250
57	57.5	3.00%	921,500	0.921500	0.027645	1.589588
58	58.5	3.00%	893,855	0.893855	0.026816	1.568716
59	59.5	3.00%	867,039	0.867039	0.026011	1.547665
60	60.5	20.00%	841,028	0.841028	0.168206	10.176441
61	61.5	12.50%	672,823	0.672823	0.084103	5.172323
62	62.5	10.00%	588,720	0.588720	0.058872	3.679498
63	63.5	10.00%	529,848	0.529848	0.052985	3.364533
64	64.5	10.00%	476,863	0.476863	0.047686	3.075766
65	65.5	25.00%	429,177	0.429177	0.107294	7.027768
66	66.5	25.00%	321,883	0.321883	0.080471	5.351297
67	67.5	25.00%	241,412	0.241412	0.060353	4.073825
68	68.5	25.00%	181,059	0.181059	0.045265	3.100634
69	69.5	25.00%	135,794	0.135794	0.033949	2.359424
70	70	100.00%	101,846	0.101846	0.101846	7.129195
Weighted Average Retirement Age =						63.601922

Plan Name: Trane Pension Plan
 EIN / PN: 25-0900465/003
 Plan Sponsor: Trane U.S. Inc.
 Valuation Date: January 1, 2022

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 24 Change in Actuarial Assumptions

- The interest crediting rate assumption was changed from 2.28% in 2021 to 2.53% in 2022.

Plan Name: Trane Pension Plan
EIN / PN: 25-0900465/003
Plan Sponsor: Trane U.S. Inc.
Valuation Date: January 1, 2022

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26a

Schedule of Active Participant Data for Cash Balance Plans as of January 1, 2022

Number and average limited plan pay distributed by attained age and attained years of credited service

Attained Age	Attained Years of Credited Service ¹										Total
	Under 1	1-4	5-9	10-14	15-19	20-25	25-29	30-34	35-39	40 & Over	
Under 25	0	0	0	0	0	0	0	0	0	0	0
	-	-	-	-	-	-	-	-	-	-	-
25-29	0	0	16	1				0	0	0	17
	-	-	-	-				-	-	-	
30-34	0	0	18	10				0	0	0	28
	-	-	-	-				-	-	-	41,050
35-39	0	0	18	2	1			0	0	0	21
	-	-	-	-	-			-	-	-	49,19.
40-44	0	0	14	6		1		0	0	0	21
	-	-	-	-		-		-	-	-	50,127
45-49	0	0	11	12	1		1	0	0	0	25
	-	-	-	-	-		-	-	-	-	53,435
50-54	0	0	8	7	2	1		0	0	0	18
	-	-	-	-	-	-		-	-	-	
55-59	0	0	16	8	2			0	0	0	26
	-	-	-	-	-			-	-	-	53,859
60-64	0	0	9	8	2		2	0	0	0	21
	-	-	-	-	-		-	-	-	-	62,672
65-69	0	0	4	3	2			0	0	1	10
	-	-	-	-	-			-	-	-	
70 & over	0	0		1				0	0	0	1
	-	-		-				-	-	-	
Total	0	0	114	58	10	2	3	0	0	1	188
	-	-	49,869	47,236				-	-		50,196

¹ The table only includes those union employees eligible for continued pay-based credits (188 employees in 2022 with limited plan pay of \$9,436,941).

Plan Name: Trane Pension Plan

EIN / PN: 25-0900465/003

Plan Sponsor: Trane U.S. Inc.

Valuation Date: January 1, 2022

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26a - Schedule of Active Participant Data for Cash Balance Plans as of January 1, 2022

Number and average account balance distributed by attained age and attained years of credited service

Attained Age	Attained Years of Credited Service ²										Total
	Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Over	
Under 25	0		3								3
	-		-								
25-29	0		59	2							61
	-		3,985	-							4,162
30-34	0	1	73	30	3						107
	-	-	5,375	6,874	-						5,680
35-39	0	1	49	43	42	1					136
	-	-	6,376	3,739	5,108	-					5,097
40-44	0	2	51	45	57	24					179
	-	-	6,186	4,802	7,356	9,972					6,660
45-49	0	1	35	51	51	46	10				194
	-	-	7,188	5,910	8,748	11,457	-				8,545
50-54	0	2	33	31	82	48	23	5	1		225
	-	-	6,163	5,481	10,233	11,329	14,889	-	-		9,683
55-59	0	1	42	30	63	43	21	17	6	1	224
	-	-	8,361	7,323	8,967	12,413	11,600	-	-	-	10,957
60-64	0	2	31	26	48	23	19	10	8	5	172
	-	-	8,328	7,609	9,069	10,701	-	-	-	-	10,529
65-69	0		10	15	21	14	7		3	3	73
	-		-	-	8,696	-	-		-	-	8,785
70 & over	0	1	1	3	6	4			2	1	18
	-	-	-	-	-	-			-	-	
Total	0	11	387	276	373	203	80	32	20	10	1,392
	-		6,219	5,662	8,527	11,293	13,521	18,909	19,394		8,396

² Age and service for purposes of determining category are based on exact (not rounded) values.

Plan Name: Trane Pension Plan

EIN / PN: 25-0900465/003

Plan Sponsor: Trane U.S. Inc.

Valuation Date: January 1, 2022

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26b Schedule of Projection of Expected Benefit Payments

Plan Year	Active Participants	Terminated Vested Participants	Retired Participants and Beneficiaries Receiving Payments	Total
2022	941,712	463,562	233,413	1,638,687
2023	723,102	195,633	110,637	1,029,372
2024	697,917	237,231	109,206	1,044,354
2025	694,903	307,300	107,622	1,109,825
2026	664,983	264,773	105,870	1,035,626
2027	633,665	341,127	103,934	1,078,726
2028	594,218	254,033	101,801	950,052
2029	561,176	282,843	99,455	943,474
2030	560,393	301,783	96,884	959,060
2031	532,368	323,401	94,079	949,848
2032	493,825	342,370	91,032	927,227
2033	486,208	358,881	87,743	932,832
2034	466,926	448,730	84,214	999,870
2035	478,000	332,828	80,452	891,280
2036	467,591	408,079	76,468	952,138
2037	449,307	383,305	72,279	904,891
2038	434,938	399,147	67,910	901,995
2039	433,064	418,886	63,393	915,343
2040	440,245	374,602	58,769	873,616
2041	404,191	430,084	54,082	888,357
2042	400,809	408,379	49,385	858,573
2043	393,800	432,491	44,731	871,022
2044	390,403	416,299	40,175	846,877
2045	357,177	370,929	35,770	763,876
2046	415,268	397,010	31,563	843,841
2047	363,476	388,980	27,593	780,049
2048	332,111	317,192	23,895	673,198
2049	340,054	330,610	20,495	691,159
2050	320,860	314,245	17,415	652,520
2051	326,165	311,830	14,664	652,659
2052	292,233	282,549	12,245	587,027
2053	290,573	316,829	10,145	617,547
2054	327,880	271,674	8,348	607,902
2055	292,757	309,807	6,827	609,391
2056	311,553	272,621	5,556	589,730
2057	258,552	222,555	4,503	485,610
2058	253,676	291,493	3,638	548,807
2059	239,608	210,324	2,931	452,863
2060	221,405	202,160	2,357	425,922
2061	182,075	170,743	1,890	354,708
2062	165,956	158,451	1,511	325,918
2063	153,188	145,236	1,203	299,627
2064	141,396	133,882	951	276,229
2065	131,007	122,979	746	254,732

Plan Name: Trane Pension Plan
 EIN / PN: 25-0900465/003
 Plan Sponsor: Trane U.S. Inc.
 Valuation Date: January 1, 2022

SCHEDULE SB ATTACHMENTS

2066	120,565	112,556	579	233,700
2067	111,542	102,635	444	214,621
2068	102,874	93,236	336	196,446
2069	94,577	84,372	251	179,200
2070	86,646	76,051	184	162,881
2071	79,073	68,278	132	147,483

Plan Name: Trane Pension Plan
EIN / PN: 25-0900465/003
Plan Sponsor: Trane U.S. Inc.
Valuation Date: January 1, 2022

SCHEDULE SB ATTACHMENTS

Schedule SB – Statement by Enrolled Actuary

Plan Sponsor	Trane U.S. Inc.
EIN/PN	25-0900465/003
Plan Name	Trane Pension Plan
Valuation Date	January 1, 2022
Enrolled Actuary	Brenda G. Stovall
Enrollment Number	23-05721

The actuarial assumptions that are not mandated by IRC § 430 and regulations, represent the enrolled actuary's best estimate of anticipated experience under the plan, subject to the following conditions:

The actuarial valuation, on which the information in this Schedule SB is based, has been prepared in reliance upon the employee and financial data furnished by the plan administrator and the trustee. The enrolled actuary has not made a rigorous check of the accuracy of this information but has accepted it after reviewing it and concluding it is reasonable in relation to similar information furnished in previous years. The amounts of contributions and dates paid shown in Item 18 of Schedule SB were listed in reliance on information provided by the plan administrator and/or trustee.

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V Statement of Actuarial Assumptions/Methods

Economic Assumptions

Interest rate basis

- Applicable month September
- Interest rate basis 3-Segment Rates

Interest rates

	Reflecting Corridors	Not Reflecting Corridors
■ First segment rate	4.75%	1.07%
■ Second segment rate	5.18%	2.68%
■ Third segment rate	5.92%	3.36%
■ Effective interest rate	5.35%	2.82%

Annual rates of increase

- Compensation Not applicable
- Future Social Security wage bases Not applicable
- Statutory limits on compensation None
- Interest credit rate 2.53%
- Assumed cost of living adjustments 0.00%

Administrative expenses \$326,000 of administrative expenses are assumed to be paid out of the trust in 2022 and are added to the normal cost. This amount is based on the noninvestment-related expenses that were paid out of the plan in the prior fiscal year, and the change in the expected PBGC variable rate premium from the prior year to the current year.

Plan Name: Trane Pension Plan
EIN / PN: 25-0900465/003
Plan Sponsor: Trane U.S. Inc.
Valuation Date: January 1, 2022

SCHEDULE SB ATTACHMENTS

Demographic Assumptions

Inclusion date The valuation date coincident with or next following the date on which the employee becomes a participant.

New or rehired employees It was assumed there will be no new or rehired employees.

Mortality

- **Healthy** Separate rates for non-annuitants (based on RP-2014 "Employees" table without collar or amount adjustments, adjusted backward to 2006 with MP-2014, and then projected forward with a static projection as specified in the regulations under §1.430(h)(3)-1 using Scale MP-2020) and annuitants (based on RP-2014 "Healthy Annuitants" table without collar or amount adjustments, adjusted backward to 2006 with MP-2014, and then projected forward with a static projection as specified in the regulations under §1.430(h)(3)-1 using Scale MP-2020)
- **Disabled** Mortality in accordance with Revenue Ruling 96-7.

Termination

Salaried Employees

Percentage leaving during the year	
Attained Age	Unisex rate of withdrawal
25	13.0%
30	11.5%
35	10.0%
40	9.5%
45	9.0%
50	8.5%
54	8.0%
55	0.0%

Hourly Employees

Percentage leaving during the year	
Attained Age	Unisex rate of withdrawal
25	11.00%
30	11.00%
35	8.50%
40	6.50%
45	4.50%
50	3.50%
54	3.00%
55+	0.00%

Plan Name: Trane Pension Plan
EIN / PN: 25-0900465/003
Plan Sponsor: Trane U.S. Inc.
Valuation Date: January 1, 2022

SCHEDULE SB ATTACHMENTS

Retirement

Salaried:

Percentage retiring during the year	
Age	Annual Rate
55-59	8%
60-61	10%
62-64	20%
65-69	30%
70+	100%

Hourly:

It is assumed that normal and early retirements will occur in accordance with the following rates (subject to eligibility under the individual plans):

- Current A – will be used for those participants at least age 50 as of January 1, 2008
- Current B – will be used for those participants less than age 50 as of January 1, 2008

Age	Current A	Current B
55	5.00%	5.00%
56	3.00%	3.00%
57	3.00%	3.00%
58	3.00%	3.00%
59	3.00%	3.00%
60	40.00%	20.00%
61	25.00%	12.50%
62	20.00%	10.00%
63	20.00%	10.00%
64	20.00%	10.00%
65	25.00%	25.00%
66	25.00%	25.00%
67	25.00%	25.00%

Unpredictable
Contingent Event
Benefit (UCEB)
assumptions

None

Plan Name: Trane Pension Plan
 EIN / PN: 25-0900465/003
 Plan Sponsor: Trane U.S. Inc.
 Valuation Date: January 1, 2022

SCHEDULE SB ATTACHMENTS

Form of payment	<p>For participants who retire directly from active service after age 55:</p> <p>75% are assumed to elect an immediate lump sum and 25% are assumed to elect an immediate annuity in the normal form.</p> <p>For participants who terminate employment before age 55:</p> <p>34% are assumed to elect an immediate lump sum, 33% are assumed to elect a lump sum at normal retirement date and 33% are assumed to elect an annuity in the normal form for a single participant at normal retirement date.</p> <p>For vested participants who have terminated and not previously received a distribution from the plan 50% are assumed to elect a lump sum at normal retirement date and 50% are assumed to elect an annuity in the normal form at normal retirement date.</p>
Percent married	Actual data is used for retired participants. For all other participants 70% of males and 55% of females are assumed to be married at death.
Spouse age	Females are assumed to be 2 years younger than their husbands

Methods

Valuation date	First day of plan year
Funding target	Present value of accrued benefits
Target normal cost	Present value of benefits expected to accrue during the plan year plus plan-related expenses expected to be paid from plan assets during the plan year.
Decrement timing	The approach used is called rounded middle of year (rounded MOY) decrement timing. Most events are assumed to occur at the middle of year during which the eligibility condition will be met or the start/end date will occur. For death and disability decrements, the rate applied is based on the participant's rounded age (nearest integer age) at the beginning of the year, to align with the methodology generally used to create those rate tables. For retirement and withdrawal decrements: the age is generally the participant's rounded age at the middle of the year.

Plan Name:	Trane Pension Plan
EIN / PN:	25-0900465/003
Plan Sponsor:	Trane U.S. Inc.
Valuation Date:	January 1, 2022

SCHEDULE SB ATTACHMENTS

Actuarial value of assets for determining minimum required contributions	<p>Average of the fair market value of assets on the valuation date and the two immediately preceding valuation dates, adjusted for contributions, benefits, administrative expenses and expected earnings of 2.00% for 2021 and 2.75% for 2020 (with such expected earnings limited as described in IRS Notice 2009-22). The average asset value must be within 10% of market value, including discounted contributions receivable (discounted using the effective interest rate for the prior plan year).</p> <p>The method of computing the actuarial value of assets complies with rules governing the calculation of such values under the Pension Protection Act of 2006 (PPA). These rules produce smoothed values that reflect the underlying market value of plan assets but fluctuate less than the market value. As a result, the actuarial value of assets will be lower than the market value in some years and greater in other years. However, over the long term under PPA's smoothing rules, the method has a significant bias to produce an actuarial value of assets that is below the market value of assets.</p>
Benefits not valued	<p>All benefits described in the Plan Provisions section of this report were valued based on discussions with the plan sponsor regarding the likelihood that these benefits will be paid. Willis Towers Watson has reviewed the plan provisions with the plan sponsor and based on that review, is not aware of any significant benefits required to be valued that were not.</p>
Tax policy	<p>The actuarial valuation performed for the plan year ending December 31, 2022 is used to determine the maximum deductible contribution for the tax year ending December 31, 2022.</p>

Sources of Data and Other Information

The plan sponsor furnished participant data as of January 1, 2022. Information on assets, contributions and plan provisions was supplied by the plan sponsor.

Data and other information were reviewed for reasonableness and consistency, but no audit was performed. The following assumptions were made for missing or apparently inconsistent data elements:

- In cases where a cash balance amount was not provided for an active or terminated vested participant we have estimated the cash balance using salary and/or prior year cash balance amount.
- In cases where the participant status is not certain, we have assumed their status is the same as the prior year.
- Deferred beneficiaries are assumed to be paid the value of their cash balance as of the valuation date.

Plan Name:	Trane Pension Plan
EIN / PN:	25-0900465/003
Plan Sponsor:	Trane U.S. Inc.
Valuation Date:	January 1, 2022

SCHEDULE SB ATTACHMENTS

We are not aware of any errors or omissions in the data that would have a significant effect on the results of our calculations.

Assumptions Rationale - Significant Economic Assumptions

Discount rate	The basis chosen was selected by the plan sponsor from among choices prescribed by law, all of which are based on observed market data over certain periods of time.
Cash Balance Interest crediting rate	The plan credits interest to cash balance accounts using the 12-month average of the annual yields on the 5-year U.S treasury securities for the period September through August. Trane U.S. Inc. has selected a long-term assumption of 2.53% for future years.
Lump sum conversion rate	Lump sums calculated under IRC Section 417(e) are calculated using an interest rate which is the same as the discount rate since both are derived from current yields on long-term corporate bonds. The mortality rates used to value future lump sums are based on the plan sponsor's best estimate of the rates that will be prescribed by the IRS for future lump sum calculations under Section 417(e).
Annuity conversion rate for hybrid plans	The assumed annuity conversion rate is a long term estimate of the plan's conversion basis (417(e)); we believe that the selected assumption does not significantly conflict with what would be reasonable.
Rates of increase in compensation:	Assumed compensation increases are based on plan sponsor expectations for pay increases over the long-term.
Administrative expenses	Administrative expenses are estimated by determining the expected actual expenses for the coming year, reflecting items like expected PBGC premiums and actual expenses paid from the trust the preceding year.

Assumptions Rationale - Significant Demographic Assumptions

Healthy Mortality	Assumptions used for funding purposes are as prescribed by IRC §430(h).
Disabled Mortality	Assumptions used for funding purposes are as prescribed by IRC §430(h).

Plan Name: Trane Pension Plan
EIN / PN: 25-0900465/003
Plan Sponsor: Trane U.S. Inc.
Valuation Date: January 1, 2022

SCHEDULE SB ATTACHMENTS

Termination	Termination rates were based on an experience study conducted in 2014, with annual consideration of whether any conditions have changed that would be expected to produce different results in the future. There have not been any subsequent modifications to reflect workforce conditions like reductions in force or other changes in conditions that are expected to produce different results in the future.
Retirement	<p>Retirement rates were based on an experience study conducted in 2014, with annual consideration of whether any conditions have changed that would be expected to produce different results in the future. There have not been any subsequent modifications to reflect changes in conditions that are expected to produce different results in the future.</p> <p>Retirement rates are based on plan sponsor expectations for the future with periodic monitoring of observed gains and losses caused by retirement patterns different than assumed.</p>
Form of payment	The assumed form and timing of payments were selected based on recent experience and best estimate of future behavior.

Source of Prescribed Methods

Funding methods	The methods used for funding purposes as described herein, including the method of determining plan assets, are “prescribed methods set by law”, as defined in the actuarial standards of practice (ASOPs). These methods are required by IRC §430 or were selected by the plan sponsor from a range of methods permitted by IRC §430.
------------------------	--

Changes in Assumptions and Methods

Change in assumptions & methods since prior valuation	<ul style="list-style-type: none">■ The segment interest rates used to calculate the funding target were updated from an applicable month of September 2020 to September 2021.■ The mortality projection scale used to calculate the funding target and target normal cost was updated from Scale MP-2019 to Scale MP-2020, as required by IRC §430.■ The assumed plan-related expenses added to the target normal cost were changed from \$281,000 for 2021 to \$326,000 for 2022.■ The interest crediting rate assumption was changed from 2.28% in 2021 to 2.53% in 2022.
--	---

Plan Name:	Trane Pension Plan
EIN / PN:	25-0900465/003
Plan Sponsor:	Trane U.S. Inc.
Valuation Date:	January 1, 2022

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V Summary of Plan Provisions

Plan Provisions

The original plan was effective September 1, 2003. The plan was most recently restated effective January 1, 2015. The latest amendment, effective January 1, 2019, changed the lookback period for determining the interest crediting rate.

Coverage and participation

Each salaried or non-union hourly employee who is actively employed on a full-time or part-time basis before September 1, 2003 and who elects to participate in the Plan shall become a member as of September 1, 2003.

Each salaried or non-union hourly employee who is actively employed on a full-time or part-time basis after September 1, 2003 and before January 1, 2010 and who elects to participate in the Plan shall become a member on the later of the date he completes an hour of service and the date he enrolls in the plan.

The following Hourly union employees now benefit under the Plan:

- Rushville employees hired on or after 5/6/2006 and before 5/11/2014
- UPG Tyler employees hired on or after 6/17/2006 and before 5/14/2016
- Lexington employees hired on or after 9/1/2008 and before 7/10/2016
- LaCrosse employees hired on or after 8/8/2010 and before 8/10/2014

Definitions

Vesting service

A participant who terminates employment before normal retirement age and after completion of 3 years of service or whose date of hire was prior to September 1, 2003 shall be 100% vested in his Account Balance Active members become 100% vested upon attainment of age 65 or if termination is due to death, permanent shutdown, or disability.

Plan Name: Trane Pension Plan
EIN / PN: 25-0900465/003
Plan Sponsor: Trane U.S. Inc.
Valuation Date: January 1, 2022

SCHEDULE SB ATTACHMENTS

Compensation	Earnings received in the calendar year as reported on Form W-2 including pre-tax contributions made pursuant to a salary reduction election under IRC Section 401(k), IRC Section 125 and IRC Section 132(f).
Accounts	<p>An account is maintained for each participant. Account balances received pay-based credits up to the date they were frozen as follows:</p> <p>Effective 12/31/2009, pay-based credits were frozen for non-union employees.</p> <p>Effective 12/31/2017, pay-based credits were frozen for union participants of Clarksville.</p> <p>Effective 12/31/2019, pay-based credits were frozen for union participants of Rushville and La Crosse.</p> <p>Effective 12/31/2020 pay based credits were frozen for union participants of Lexington.</p> <p>Effective 6/30/2021, pay-based credits were frozen for union participants of Tyler.</p> <p>Interest credits will continue to be applied until benefit commencement date.</p>
Pay-based credits	3% of compensation for union employees.
Interest credits	Interest is credited daily, with the annual interest rate equal to the average yield on 5-year Treasury Securities for the months of August and September of the prior plan year, but not in excess of 8%.
Normal retirement date (NRD)	Age 65

Eligibility for Benefits

Normal retirement	Termination with 100% vesting
Postponed retirement	Termination with 100% vesting
Vested termination	Termination with 100% vesting
Preretirement death benefit	Death with 100% vesting

Plan Name:	Trane Pension Plan
EIN / PN:	25-0900465/003
Plan Sponsor:	Trane U.S. Inc.
Valuation Date:	January 1, 2022

SCHEDULE SB ATTACHMENTS

Benefits Paid Upon the Following Events

Normal retirement	A participant's account is payable upon any age after termination in the form of a monthly annuity or a lump sum. Several annuity options are available.
Postponed retirement	A participant's account is payable upon any age after termination in the form of a monthly annuity or a lump sum. Several annuity options are available.
Vested termination	A participant's account is payable upon any age after termination in the form of a monthly annuity or a lump sum. Several annuity options are available.
Preretirement death	<p>If the beneficiary is the Member's spouse, the beneficiary is entitled to receive a single life annuity or a lump sum, which is the actuarial equivalent of the member's accrued benefit payable at his Normal Retirement Date. Spouse may elect to commence this benefit any time following Member's death.</p> <p>If the beneficiary is not the Member's spouse, the beneficiary shall receive a cash lump sum equal to 100% of the member's account as of the payment date. Payment date shall be as soon as administratively practical.</p>

Other Plan Provisions

Forms of payment	<p><u>Normal form</u></p> <p>The normal form of payment for a married participant is a Qualified Joint and 50% Survivor Annuity. The normal form of payment for a non-married participant is a single life annuity.</p> <p><u>Optional forms</u></p> <p>Option 1: Single life annuity.</p> <p>Option 2: Joint and 50% survivor annuity.</p> <p>Option 3: Joint and 75% survivor annuity.</p> <p>Option 4: Ten year certain and life annuity.</p> <p>Option 5: Lump sum payment.</p> <p>Benefits payable under an optional form are determined on an actuarially equivalent basis.</p>
-------------------------	---

Plan Name:	Trane Pension Plan
EIN / PN:	25-0900465/003
Plan Sponsor:	Trane U.S. Inc.
Valuation Date:	January 1, 2022

SCHEDULE SB ATTACHMENTS

Pension Increases None

Plan participants' contributions Not required or permitted

Maximum on benefits and pay All benefits and pay for any calendar year may not exceed the maximum limitations for that year as defined in the Internal Revenue Code. The plan provides for increasing the dollar limits automatically as such changes become effective. Increases in the dollar limits are assumed for determining pension cost but not for determining contributions.

Future Plan Changes

No future plan changes were recognized in determining pension cost or in determining minimum and maximum contributions. Willis Towers Watson is not aware of any future plan changes which are required to be reflected other than scheduled pension increases contained in the Collective Bargaining Agreement.

Changes in Benefits Valued Since Prior Year

None

Substantive Commitment

None

Plan Name: Trane Pension Plan
EIN / PN: 25-0900465/003
Plan Sponsor: Trane U.S. Inc.
Valuation Date: January 1, 2022

SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
--	--	---

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

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

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

A Name of plan TRANE PENSION PLAN	B Three-digit plan number (PN) ▶ 003
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF TRANE U.S. INC.	D Employer Identification Number (EIN) 25-0900465
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500

Part I	Basic Information
1 Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2022</u>	
2 Assets:	
a Market value	2a 19,160,086
b Actuarial value	2b 19,149,867
3 Funding target/participant count breakdown	
a For retired participants and beneficiaries receiving payment	(1) Number of participants 103 (2) Vested Funding Target 1,397,873 (3) Total Funding Target 1,397,873
b For terminated vested participants	776 5,560,356 5,560,356
c For active participants	1,392 8,709,792 8,886,377
d Total	2,271 15,668,021 15,844,606
4 If the plan is in at-risk status, check the box and complete lines (a) and (b)..... ☐	
a Funding target disregarding prescribed at-risk assumptions	4a
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b
5 Effective interest rate	5 5.35%
6 Target normal cost	
a Present value of current plan year accruals	6a 0
b Expected plan-related expenses	6b 326,000
c Total (line 6a + line 6b)	6c 326,000

Statement by Enrolled Actuary

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

SIGN HERE	Brenda G. Stovall 	09/27/2023
	Signature of actuary	Date
Brenda G. Stovall	Type or print name of actuary	2305721
		Most recent enrollment number
Willis Towers Watson US LLC	Firm name	901-930-0000
		Telephone number (including area code)
3340 Players Club Parkway Suite 200 Memphis TN 38125	Address of the firm	

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

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

Schedule SB (Form 5500) 2022
v. 220413

Part II		Beginning of Year Carryover and Prefunding Balances	
		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	0
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9	Amount remaining (line 7 minus line 8)	0	0
10	Interest on line 9 using prior year's actual return of <u>-0.97</u> %	0	0
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		0
	b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>5.52</u> %		0
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
	c Total available at beginning of current plan year to add to prefunding balance		0
	d Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	0

Part III		Funding Percentages	
14	Funding target attainment percentage	14	120.86 %
15	Adjusted funding target attainment percentage	15	120.86 %
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	123.40 %
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV		Contributions and Liquidity Shortfalls			
18 Contributions made to the plan for the plan year by employer(s) and employees:					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
09/14/2023	2,000,000	0			
Totals ▶			18(b)	2,000,000	18(c) 0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:			
a Contributions allocated toward unpaid minimum required contributions from prior years	19a	0	
b Contributions made to avoid restrictions adjusted to valuation date	19b	0	
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	1,830,157	
20 Quarterly contributions and liquidity shortfalls:			
a Did the plan have a "funding shortfall" for the prior year? ☐ Yes ☒ No			
b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☐ Yes ☐ No			
c If line 20a is "Yes," see instructions and complete the following table as applicable:			
Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th

Part V Assumptions Used to Determine Funding Target and Target Normal Cost**21** Discount rate:**a** Segment rates:1st segment:
4.75 %2nd segment:
5.18 %3rd segment:
5.92 %☐ N/A, full yield curve used**b** Applicable month (enter code)**21b**

4

22 Weighted average retirement age**22**

63

23 Mortality table(s) (see instructions) ☐ Prescribed - combined☒ Prescribed - separate☐ Substitute**Part VI Miscellaneous Items****24** Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment..... ☒ Yes ☐ No**25** Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment..... ☐ Yes ☒ No**26** Demographic and benefit information**a** Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment. ☒ Yes ☐ No**b** Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment ... ☒ Yes ☐ No**27** If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment.....**27****Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years****28** Unpaid minimum required contributions for all prior years **28** 0**29** Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)..... **29** 0**30** Remaining amount of unpaid minimum required contributions (line 28 minus line 29)..... **30** 0**Part VIII Minimum Required Contribution For Current Year****31** Target normal cost and excess assets (see instructions):**a** Target normal cost (line 6c) **31a** 326,000**b** Excess assets, if applicable, but not greater than line 31a **31b** 326,000**32** Amortization installments:**a** Net shortfall amortization installment

0

0

b Waiver amortization installment

0

0

33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount**33****34** Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)..... **34** 0

	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement	0	0	0

36 Additional cash requirement (line 34 minus line 35) **36** 0**37** Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c) **37** 1,830,157**38** Present value of excess contributions for current year (see instructions)**a** Total (excess, if any, of line 37 over line 36)**38a**

1,830,157

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

0

39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37) **39** 0**40** Unpaid minimum required contributions for all years **40** 0**Part IX Pension Funding Relief Under the American Rescue Plan Act of 2021 (See Instructions)****41** If an election was made to use the extended amortization rule for a plan year beginning on or before December 31, 2021, check the box to indicate the first plan year for which the rule applies. ☐ 2019 ☐ 2020 ☒ 2021

SCHEDULE SB ATTACHMENTS

Schedule SB – Statement by Enrolled Actuary

Plan Sponsor	Trane U.S. Inc.
EIN/PN	25-0900465/003
Plan Name	Trane Pension Plan
Valuation Date	January 1, 2022
Enrolled Actuary	Brenda G. Stovall
Enrollment Number	23-05721

The actuarial assumptions that are not mandated by IRC § 430 and regulations, represent the enrolled actuary's best estimate of anticipated experience under the plan, subject to the following conditions:

The actuarial valuation, on which the information in this Schedule SB is based, has been prepared in reliance upon the employee and financial data furnished by the plan administrator and the trustee. The enrolled actuary has not made a rigorous check of the accuracy of this information but has accepted it after reviewing it and concluding it is reasonable in relation to similar information furnished in previous years. The amounts of contributions and dates paid shown in Item 18 of Schedule SB were listed in reliance on information provided by the plan administrator and/or trustee.

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 22 Description of Weighted Average Retirement Age as of January 1, 2022

See Schedule SB, Part V - Statement of Actuarial Assumptions/Methods for retirement rates. The average retirement age for Line 22 was calculated by determining the average age at retirement for those current active participants expected to reach retirement, based on all current decrements assumed.

Summary

<u>Plan</u>	<u>Number of Participants</u>	<u>Weighted Average Retirement Age</u>
Salaried	877	62.0973
Hourly Plan – Participants at least age 50 as of January 1, 2008	30	62.0156
Hourly Plan – Participants less than age 50 as of January 1, 2008	485	63.6019
Total Weighted Average Retirement Age		62.6198

Plan Name: Trane Pension Plan
EIN / PN: 25-0900465/003
Plan Sponsor: Trane U.S. Inc.
Valuation Date: January 1, 2022

SCHEDULE SB ATTACHMENTS

The average retirement age was calculated by creating a hypothetical life table with retirement as the only decrement, and then computing the average retirement age for the table.

Schedule SB, Line 22 – Description of Weighted Average Retirement Age

Salaried Plan

x						
Age	(mid year)	q_x^r	l_x	${}_{x-55}p_{55} = l_x / l_{55}$	$q_x^r * l_x / l_{55}$	$x * q_x^r * l_x / l_{55}$
55	55.5	8.00%	1,000,000	1.000000	0.080000	4.440000
56	56.5	8.00%	920,000	0.920000	0.073600	4.158400
57	57.5	8.00%	846,400	0.846400	0.067712	3.893440
58	58.5	8.00%	778,688	0.778688	0.062295	3.644260
59	59.5	8.00%	716,393	0.716393	0.057311	3.410030
60	60.5	10.00%	659,082	0.659082	0.065908	3.987443
61	61.5	10.00%	593,173	0.593173	0.059317	3.648016
62	62.5	20.00%	533,856	0.533856	0.106771	6.673200
63	63.5	20.00%	427,085	0.427085	0.085417	5.423977
64	64.5	20.00%	341,668	0.341668	0.068334	4.407515
65	65.5	30.00%	273,334	0.273334	0.082000	5.371019
66	66.5	30.00%	191,334	0.191334	0.057400	3.817113
67	67.5	30.00%	133,934	0.133934	0.040180	2.712159
68	68.5	30.00%	93,754	0.093754	0.028126	1.926638
69	69.5	30.00%	65,628	0.065628	0.019688	1.368335
70	70	100.00%	45,939	0.045939	0.045939	3.215751
Weighted Average Retirement Age =						62.097298

Plan Name: Trane Pension Plan
 EIN / PN: 25-0900465/003
 Plan Sponsor: Trane U.S. Inc.
 Valuation Date: January 1, 2022

SCHEDULE SB ATTACHMENTS

The average retirement age was calculated by creating a hypothetical life table with retirement as the only decrement, and then computing the average retirement age for the table.

Schedule SB, Line 22 – Description of Weighted Average Retirement Age

Hourly Plan – Participants at least age 50 as of January 1, 2008

Age	x (mid year)	q_x^r	l_x	${}_{x-55}p_{55} = l_x / l_{55}$	$q_x^r * l_x / l_{55}$	$x * q_x^r * l_x / l_{55}$
55	55.5	5.00%	1,000,000	1.000000	0.050000	2.775000
56	56.5	3.00%	950,000	0.950000	0.028500	1.610250
57	57.5	3.00%	921,500	0.921500	0.027645	1.589588
58	58.5	3.00%	893,855	0.893855	0.026816	1.568716
59	59.5	3.00%	867,039	0.867039	0.026011	1.547665
60	60.5	40.00%	841,028	0.841028	0.336411	20.352882
61	61.5	25.00%	504,617	0.504617	0.126154	7.758485
62	62.5	20.00%	378,463	0.378463	0.075693	4.730783
63	63.5	20.00%	302,770	0.302770	0.060554	3.845181
64	64.5	20.00%	242,216	0.242216	0.048443	3.124588
65	65.5	25.00%	193,773	0.193773	0.048443	3.173031
66	66.5	25.00%	145,330	0.145330	0.036332	2.416106
67	67.5	25.00%	108,997	0.108997	0.027249	1.839329
68	68.5	25.00%	81,748	0.081748	0.020437	1.399933
69	69.5	25.00%	61,311	0.061311	0.015328	1.065278
70	70	100.00%	45,983	0.045983	0.045983	3.218825
Weighted Average Retirement Age =						62.015639

Plan Name: Trane Pension Plan
 EIN / PN: 25-0900465/003
 Plan Sponsor: Trane U.S. Inc.
 Valuation Date: January 1, 2022

SCHEDULE SB ATTACHMENTS

The average retirement age was calculated by creating a hypothetical life table with retirement as the only decrement, and then computing the average retirement age for the table.

Schedule SB, Line 22 – Description of Weighted Average Retirement Age

Hourly Plan – Participants less than age 50 as of January 1, 2008

Age	x (mid year)	q_x^r	l_x	${}_{x-55}p_{55} = l_x / l_{55}$	$q_x^r * l_x / l_{55}$	$x * q_x^r * l_x / l_{55}$
55	55.5	5.00%	1,000,000	1.000000	0.050000	2.775000
56	56.5	3.00%	950,000	0.950000	0.028500	1.610250
57	57.5	3.00%	921,500	0.921500	0.027645	1.589588
58	58.5	3.00%	893,855	0.893855	0.026816	1.568716
59	59.5	3.00%	867,039	0.867039	0.026011	1.547665
60	60.5	20.00%	841,028	0.841028	0.168206	10.176441
61	61.5	12.50%	672,823	0.672823	0.084103	5.172323
62	62.5	10.00%	588,720	0.588720	0.058872	3.679498
63	63.5	10.00%	529,848	0.529848	0.052985	3.364533
64	64.5	10.00%	476,863	0.476863	0.047686	3.075766
65	65.5	25.00%	429,177	0.429177	0.107294	7.027768
66	66.5	25.00%	321,883	0.321883	0.080471	5.351297
67	67.5	25.00%	241,412	0.241412	0.060353	4.073825
68	68.5	25.00%	181,059	0.181059	0.045265	3.100634
69	69.5	25.00%	135,794	0.135794	0.033949	2.359424
70	70	100.00%	101,846	0.101846	0.101846	7.129195
Weighted Average Retirement Age =						63.601922

Plan Name: Trane Pension Plan
 EIN / PN: 25-0900465/003
 Plan Sponsor: Trane U.S. Inc.
 Valuation Date: January 1, 2022

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V Statement of Actuarial Assumptions/Methods

Economic Assumptions

Interest rate basis

- Applicable month September
- Interest rate basis 3-Segment Rates

Interest rates

	Reflecting Corridors	Not Reflecting Corridors
■ First segment rate	4.75%	1.07%
■ Second segment rate	5.18%	2.68%
■ Third segment rate	5.92%	3.36%
■ Effective interest rate	5.35%	2.82%

Annual rates of increase

- Compensation Not applicable
- Future Social Security wage bases Not applicable
- Statutory limits on compensation None
- Interest credit rate 2.53%
- Assumed cost of living adjustments 0.00%

Administrative expenses \$326,000 of administrative expenses are assumed to be paid out of the trust in 2022 and are added to the normal cost. This amount is based on the noninvestment-related expenses that were paid out of the plan in the prior fiscal year, and the change in the expected PBGC variable rate premium from the prior year to the current year.

Plan Name: Trane Pension Plan
EIN / PN: 25-0900465/003
Plan Sponsor: Trane U.S. Inc.
Valuation Date: January 1, 2022

SCHEDULE SB ATTACHMENTS

Demographic Assumptions

Inclusion date The valuation date coincident with or next following the date on which the employee becomes a participant.

New or rehired employees It was assumed there will be no new or rehired employees.

Mortality

- **Healthy** Separate rates for non-annuitants (based on RP-2014 "Employees" table without collar or amount adjustments, adjusted backward to 2006 with MP-2014, and then projected forward with a static projection as specified in the regulations under §1.430(h)(3)-1 using Scale MP-2020) and annuitants (based on RP-2014 "Healthy Annuitants" table without collar or amount adjustments, adjusted backward to 2006 with MP-2014, and then projected forward with a static projection as specified in the regulations under §1.430(h)(3)-1 using Scale MP-2020)
- **Disabled** Mortality in accordance with Revenue Ruling 96-7.

Termination

Salaried Employees

Percentage leaving during the year	
Attained Age	Unisex rate of withdrawal
25	13.0%
30	11.5%
35	10.0%
40	9.5%
45	9.0%
50	8.5%
54	8.0%
55	0.0%

Hourly Employees

Percentage leaving during the year	
Attained Age	Unisex rate of withdrawal
25	11.00%
30	11.00%
35	8.50%
40	6.50%
45	4.50%
50	3.50%
54	3.00%
55+	0.00%

Plan Name: Trane Pension Plan
EIN / PN: 25-0900465/003
Plan Sponsor: Trane U.S. Inc.
Valuation Date: January 1, 2022

SCHEDULE SB ATTACHMENTS

Retirement

Salaried:

Percentage retiring during the year	
Age	Annual Rate
55-59	8%
60-61	10%
62-64	20%
65-69	30%
70+	100%

Hourly:

It is assumed that normal and early retirements will occur in accordance with the following rates (subject to eligibility under the individual plans):

- Current A – will be used for those participants at least age 50 as of January 1, 2008
- Current B – will be used for those participants less than age 50 as of January 1, 2008

Age	Current A	Current B
55	5.00%	5.00%
56	3.00%	3.00%
57	3.00%	3.00%
58	3.00%	3.00%
59	3.00%	3.00%
60	40.00%	20.00%
61	25.00%	12.50%
62	20.00%	10.00%
63	20.00%	10.00%
64	20.00%	10.00%
65	25.00%	25.00%
66	25.00%	25.00%
67	25.00%	25.00%

Unpredictable
Contingent Event
Benefit (UCEB)
assumptions

None

Plan Name: Trane Pension Plan
EIN / PN: 25-0900465/003
Plan Sponsor: Trane U.S. Inc.
Valuation Date: January 1, 2022

SCHEDULE SB ATTACHMENTS

Form of payment	<p>For participants who retire directly from active service after age 55:</p> <p>75% are assumed to elect an immediate lump sum and 25% are assumed to elect an immediate annuity in the normal form.</p> <p>For participants who terminate employment before age 55:</p> <p>34% are assumed to elect an immediate lump sum, 33% are assumed to elect a lump sum at normal retirement date and 33% are assumed to elect an annuity in the normal form for a single participant at normal retirement date.</p> <p>For vested participants who have terminated and not previously received a distribution from the plan 50% are assumed to elect a lump sum at normal retirement date and 50% are assumed to elect an annuity in the normal form at normal retirement date.</p>
Percent married	Actual data is used for retired participants. For all other participants 70% of males and 55% of females are assumed to be married at death.
Spouse age	Females are assumed to be 2 years younger than their husbands

Methods

Valuation date	First day of plan year
Funding target	Present value of accrued benefits
Target normal cost	Present value of benefits expected to accrue during the plan year plus plan-related expenses expected to be paid from plan assets during the plan year.
Decrement timing	The approach used is called rounded middle of year (rounded MOY) decrement timing. Most events are assumed to occur at the middle of year during which the eligibility condition will be met or the start/end date will occur. For death and disability decrements, the rate applied is based on the participant's rounded age (nearest integer age) at the beginning of the year, to align with the methodology generally used to create those rate tables. For retirement and withdrawal decrements: the age is generally the participant's rounded age at the middle of the year.

Plan Name:	Trane Pension Plan
EIN / PN:	25-0900465/003
Plan Sponsor:	Trane U.S. Inc.
Valuation Date:	January 1, 2022

SCHEDULE SB ATTACHMENTS

Actuarial value of assets for determining minimum required contributions	<p>Average of the fair market value of assets on the valuation date and the two immediately preceding valuation dates, adjusted for contributions, benefits, administrative expenses and expected earnings of 2.00% for 2021 and 2.75% for 2020 (with such expected earnings limited as described in IRS Notice 2009-22). The average asset value must be within 10% of market value, including discounted contributions receivable (discounted using the effective interest rate for the prior plan year).</p> <p>The method of computing the actuarial value of assets complies with rules governing the calculation of such values under the Pension Protection Act of 2006 (PPA). These rules produce smoothed values that reflect the underlying market value of plan assets but fluctuate less than the market value. As a result, the actuarial value of assets will be lower than the market value in some years and greater in other years. However, over the long term under PPA's smoothing rules, the method has a significant bias to produce an actuarial value of assets that is below the market value of assets.</p>
Benefits not valued	<p>All benefits described in the Plan Provisions section of this report were valued based on discussions with the plan sponsor regarding the likelihood that these benefits will be paid. Willis Towers Watson has reviewed the plan provisions with the plan sponsor and based on that review, is not aware of any significant benefits required to be valued that were not.</p>
Tax policy	<p>The actuarial valuation performed for the plan year ending December 31, 2022 is used to determine the maximum deductible contribution for the tax year ending December 31, 2022.</p>

Sources of Data and Other Information

The plan sponsor furnished participant data as of January 1, 2022. Information on assets, contributions and plan provisions was supplied by the plan sponsor.

Data and other information were reviewed for reasonableness and consistency, but no audit was performed. The following assumptions were made for missing or apparently inconsistent data elements:

- In cases where a cash balance amount was not provided for an active or terminated vested participant we have estimated the cash balance using salary and/or prior year cash balance amount.
- In cases where the participant status is not certain, we have assumed their status is the same as the prior year.
- Deferred beneficiaries are assumed to be paid the value of their cash balance as of the valuation date.

Plan Name:	Trane Pension Plan
EIN / PN:	25-0900465/003
Plan Sponsor:	Trane U.S. Inc.
Valuation Date:	January 1, 2022

SCHEDULE SB ATTACHMENTS

We are not aware of any errors or omissions in the data that would have a significant effect on the results of our calculations.

Assumptions Rationale - Significant Economic Assumptions

Discount rate	The basis chosen was selected by the plan sponsor from among choices prescribed by law, all of which are based on observed market data over certain periods of time.
Cash Balance Interest crediting rate	The plan credits interest to cash balance accounts using the 12-month average of the annual yields on the 5-year U.S treasury securities for the period September through August. Trane U.S. Inc. has selected a long-term assumption of 2.53% for future years.
Lump sum conversion rate	Lump sums calculated under IRC Section 417(e) are calculated using an interest rate which is the same as the discount rate since both are derived from current yields on long-term corporate bonds. The mortality rates used to value future lump sums are based on the plan sponsor's best estimate of the rates that will be prescribed by the IRS for future lump sum calculations under Section 417(e).
Annuity conversion rate for hybrid plans	The assumed annuity conversion rate is a long term estimate of the plan's conversion basis (417(e)); we believe that the selected assumption does not significantly conflict with what would be reasonable.
Rates of increase in compensation:	Assumed compensation increases are based on plan sponsor expectations for pay increases over the long-term.
Administrative expenses	Administrative expenses are estimated by determining the expected actual expenses for the coming year, reflecting items like expected PBGC premiums and actual expenses paid from the trust the preceding year.

Assumptions Rationale - Significant Demographic Assumptions

Healthy Mortality	Assumptions used for funding purposes are as prescribed by IRC §430(h).
Disabled Mortality	Assumptions used for funding purposes are as prescribed by IRC §430(h).

Plan Name:	Trane Pension Plan
EIN / PN:	25-0900465/003
Plan Sponsor:	Trane U.S. Inc.
Valuation Date:	January 1, 2022

SCHEDULE SB ATTACHMENTS

Termination	Termination rates were based on an experience study conducted in 2014, with annual consideration of whether any conditions have changed that would be expected to produce different results in the future. There have not been any subsequent modifications to reflect workforce conditions like reductions in force or other changes in conditions that are expected to produce different results in the future.
Retirement	<p>Retirement rates were based on an experience study conducted in 2014, with annual consideration of whether any conditions have changed that would be expected to produce different results in the future. There have not been any subsequent modifications to reflect changes in conditions that are expected to produce different results in the future.</p> <p>Retirement rates are based on plan sponsor expectations for the future with periodic monitoring of observed gains and losses caused by retirement patterns different than assumed.</p>
Form of payment	The assumed form and timing of payments were selected based on recent experience and best estimate of future behavior.

Source of Prescribed Methods

Funding methods	The methods used for funding purposes as described herein, including the method of determining plan assets, are “prescribed methods set by law”, as defined in the actuarial standards of practice (ASOPs). These methods are required by IRC §430 or were selected by the plan sponsor from a range of methods permitted by IRC §430.
------------------------	--

Changes in Assumptions and Methods

Change in assumptions & methods since prior valuation	<ul style="list-style-type: none">■ The segment interest rates used to calculate the funding target were updated from an applicable month of September 2020 to September 2021.■ The mortality projection scale used to calculate the funding target and target normal cost was updated from Scale MP-2019 to Scale MP-2020, as required by IRC §430.■ The assumed plan-related expenses added to the target normal cost were changed from \$281,000 for 2021 to \$326,000 for 2022.■ The interest crediting rate assumption was changed from 2.28% in 2021 to 2.53% in 2022.
--	---

Plan Name:	Trane Pension Plan
EIN / PN:	25-0900465/003
Plan Sponsor:	Trane U.S. Inc.
Valuation Date:	January 1, 2022

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 24 Change in Actuarial Assumptions

- The interest crediting rate assumption was changed from 2.28% in 2021 to 2.53% in 2022.

Plan Name: Trane Pension Plan
EIN / PN: 25-0900465/003
Plan Sponsor: Trane U.S. Inc.
Valuation Date: January 1, 2022

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V Summary of Plan Provisions

Plan Provisions

The original plan was effective September 1, 2003. The plan was most recently restated effective January 1, 2015. The latest amendment, effective January 1, 2019, changed the lookback period for determining the interest crediting rate.

Coverage and participation

Each salaried or non-union hourly employee who is actively employed on a full-time or part-time basis before September 1, 2003 and who elects to participate in the Plan shall become a member as of September 1, 2003.

Each salaried or non-union hourly employee who is actively employed on a full-time or part-time basis after September 1, 2003 and before January 1, 2010 and who elects to participate in the Plan shall become a member on the later of the date he completes an hour of service and the date he enrolls in the plan.

The following Hourly union employees now benefit under the Plan:

- Rushville employees hired on or after 5/6/2006 and before 5/11/2014
- UPG Tyler employees hired on or after 6/17/2006 and before 5/14/2016
- Lexington employees hired on or after 9/1/2008 and before 7/10/2016
- LaCrosse employees hired on or after 8/8/2010 and before 8/10/2014

Definitions

Vesting service

A participant who terminates employment before normal retirement age and after completion of 3 years of service or whose date of hire was prior to September 1, 2003 shall be 100% vested in his Account Balance Active members become 100% vested upon attainment of age 65 or if termination is due to death, permanent shutdown, or disability.

Plan Name: Trane Pension Plan
EIN / PN: 25-0900465/003
Plan Sponsor: Trane U.S. Inc.
Valuation Date: January 1, 2022

SCHEDULE SB ATTACHMENTS

Compensation Earnings received in the calendar year as reported on Form W-2 including pre-tax contributions made pursuant to a salary reduction election under IRC Section 401(k), IRC Section 125 and IRC Section 132(f).

Accounts An account is maintained for each participant. Account balances received pay-based credits up to the date they were frozen as follows:

Effective 12/31/2009, pay-based credits were frozen for non-union employees.

Effective 12/31/2017, pay-based credits were frozen for union participants of Clarksville.

Effective 12/31/2019, pay-based credits were frozen for union participants of Rushville and La Crosse.

Effective 12/31/2020 pay based credits were frozen for union participants of Lexington.

Effective 6/30/2021, pay-based credits were frozen for union participants of Tyler.

Interest credits will continue to be applied until benefit commencement date.

Pay-based credits 3% of compensation for union employees.

Interest credits Interest is credited daily, with the annual interest rate equal to the average yield on 5-year Treasury Securities for the months of August and September of the prior plan year, but not in excess of 8%.

Normal retirement date (NRD) Age 65

Eligibility for Benefits

Normal retirement Termination with 100% vesting

Postponed retirement Termination with 100% vesting

Vested termination Termination with 100% vesting

Preretirement death benefit Death with 100% vesting

Plan Name: Trane Pension Plan
EIN / PN: 25-0900465/003
Plan Sponsor: Trane U.S. Inc.
Valuation Date: January 1, 2022

SCHEDULE SB ATTACHMENTS

Benefits Paid Upon the Following Events

Normal retirement	A participant's account is payable upon any age after termination in the form of a monthly annuity or a lump sum. Several annuity options are available.
Postponed retirement	A participant's account is payable upon any age after termination in the form of a monthly annuity or a lump sum. Several annuity options are available.
Vested termination	A participant's account is payable upon any age after termination in the form of a monthly annuity or a lump sum. Several annuity options are available.
Preretirement death	<p>If the beneficiary is the Member's spouse, the beneficiary is entitled to receive a single life annuity or a lump sum, which is the actuarial equivalent of the member's accrued benefit payable at his Normal Retirement Date. Spouse may elect to commence this benefit any time following Member's death.</p> <p>If the beneficiary is not the Member's spouse, the beneficiary shall receive a cash lump sum equal to 100% of the member's account as of the payment date. Payment date shall be as soon as administratively practical.</p>

Other Plan Provisions

Forms of payment	<p><u>Normal form</u></p> <p>The normal form of payment for a married participant is a Qualified Joint and 50% Survivor Annuity. The normal form of payment for a non-married participant is a single life annuity.</p> <p><u>Optional forms</u></p> <p>Option 1: Single life annuity.</p> <p>Option 2: Joint and 50% survivor annuity.</p> <p>Option 3: Joint and 75% survivor annuity.</p> <p>Option 4: Ten year certain and life annuity.</p> <p>Option 5: Lump sum payment.</p> <p>Benefits payable under an optional form are determined on an actuarially equivalent basis.</p>
-------------------------	---

Plan Name:	Trane Pension Plan
EIN / PN:	25-0900465/003
Plan Sponsor:	Trane U.S. Inc.
Valuation Date:	January 1, 2022

SCHEDULE SB ATTACHMENTS

Pension Increases None

Plan participants' contributions Not required or permitted

Maximum on benefits and pay All benefits and pay for any calendar year may not exceed the maximum limitations for that year as defined in the Internal Revenue Code. The plan provides for increasing the dollar limits automatically as such changes become effective. Increases in the dollar limits are assumed for determining pension cost but not for determining contributions.

Future Plan Changes

No future plan changes were recognized in determining pension cost or in determining minimum and maximum contributions. Willis Towers Watson is not aware of any future plan changes which are required to be reflected other than scheduled pension increases contained in the Collective Bargaining Agreement.

Changes in Benefits Valued Since Prior Year

None

Substantive Commitment

None

Plan Name: Trane Pension Plan
EIN / PN: 25-0900465/003
Plan Sponsor: Trane U.S. Inc.
Valuation Date: January 1, 2022

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26a

Schedule of Active Participant Data for Cash Balance Plans as of January 1, 2022

Number and average limited plan pay distributed by attained age and attained years of credited service

Attained Age	Attained Years of Credited Service ¹										Total
	Under 1	1-4	5-9	10-14	15-19	20-25	25-29	30-34	35-39	40 & Over	
Under 25	0	0	0	0	0	0	0	0	0	0	0
	-	-	-	-	-	-	-	-	-	-	-
25-29	0	0	16	1				0	0	0	17
	-	-	-	-				-	-	-	
30-34	0	0	18	10				0	0	0	28
	-	-	-	-				-	-	-	41,050
35-39	0	0	18	2	1			0	0	0	21
	-	-	-	-	-			-	-	-	49,19.
40-44	0	0	14	6		1		0	0	0	21
	-	-	-	-		-		-	-	-	50,127
45-49	0	0	11	12	1		1	0	0	0	25
	-	-	-	-	-		-	-	-	-	53,435
50-54	0	0	8	7	2	1		0	0	0	18
	-	-	-	-	-	-		-	-	-	
55-59	0	0	16	8	2			0	0	0	26
	-	-	-	-	-			-	-	-	53,859
60-64	0	0	9	8	2		2	0	0	0	21
	-	-	-	-	-		-	-	-	-	62,672
65-69	0	0	4	3	2			0	0	1	10
	-	-	-	-	-			-	-	-	
70 & over	0	0		1				0	0	0	1
	-	-		-				-	-	-	
Total	0	0	114	58	10	2	3	0	0	1	188
	-	-	49,869	47,236				-	-		50,196

¹ The table only includes those union employees eligible for continued pay-based credits (188 employees in 2022 with limited plan pay of \$9,436,941).

Plan Name: Trane Pension Plan
 EIN / PN: 25-0900465/003
 Plan Sponsor: Trane U.S. Inc.
 Valuation Date: January 1, 2022

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26a - Schedule of Active Participant Data for Cash Balance Plans as of January 1, 2022

Number and average account balance distributed by attained age and attained years of credited service

Attained Age	Attained Years of Credited Service ²										Total
	Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Over	
Under 25	0		3								3
	-		-								
25-29	0		59	2							61
	-		3,985	-							4,162
30-34	0	1	73	30	3						107
	-	-	5,375	6,874	-						5,680
35-39	0	1	49	43	42	1					136
	-	-	6,376	3,739	5,108	-					5,097
40-44	0	2	51	45	57	24					179
	-	-	6,186	4,802	7,356	9,972					6,660
45-49	0	1	35	51	51	46	10				194
	-	-	7,188	5,910	8,748	11,457	-				8,545
50-54	0	2	33	31	82	48	23	5	1		225
	-	-	6,163	5,481	10,233	11,329	14,889	-	-		9,683
55-59	0	1	42	30	63	43	21	17	6	1	224
	-	-	8,361	7,323	8,967	12,413	11,600	-	-	-	10,957
60-64	0	2	31	26	48	23	19	10	8	5	172
	-	-	8,328	7,609	9,069	10,701	-	-	-	-	10,529
65-69	0		10	15	21	14	7		3	3	73
	-		-	-	8,696	-	-		-	-	8,785
70 & over	0	1	1	3	6	4			2	1	18
	-	-	-	-	-	-			-	-	
Total	0	11	387	276	373	203	80	32	20	10	1,392
	-		6,219	5,662	8,527	11,293	13,521	18,909	19,394		8,396

² Age and service for purposes of determining category are based on exact (not rounded) values.

Plan Name: Trane Pension Plan
 EIN / PN: 25-0900465/003
 Plan Sponsor: Trane U.S. Inc.
 Valuation Date: January 1, 2022

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26b Schedule of Projection of Expected Benefit Payments

Plan Year	Active Participants	Terminated Vested Participants	Retired Participants and Beneficiaries Receiving Payments	Total
2022	941,712	463,562	233,413	1,638,687
2023	723,102	195,633	110,637	1,029,372
2024	697,917	237,231	109,206	1,044,354
2025	694,903	307,300	107,622	1,109,825
2026	664,983	264,773	105,870	1,035,626
2027	633,665	341,127	103,934	1,078,726
2028	594,218	254,033	101,801	950,052
2029	561,176	282,843	99,455	943,474
2030	560,393	301,783	96,884	959,060
2031	532,368	323,401	94,079	949,848
2032	493,825	342,370	91,032	927,227
2033	486,208	358,881	87,743	932,832
2034	466,926	448,730	84,214	999,870
2035	478,000	332,828	80,452	891,280
2036	467,591	408,079	76,468	952,138
2037	449,307	383,305	72,279	904,891
2038	434,938	399,147	67,910	901,995
2039	433,064	418,886	63,393	915,343
2040	440,245	374,602	58,769	873,616
2041	404,191	430,084	54,082	888,357
2042	400,809	408,379	49,385	858,573
2043	393,800	432,491	44,731	871,022
2044	390,403	416,299	40,175	846,877
2045	357,177	370,929	35,770	763,876
2046	415,268	397,010	31,563	843,841
2047	363,476	388,980	27,593	780,049
2048	332,111	317,192	23,895	673,198
2049	340,054	330,610	20,495	691,159
2050	320,860	314,245	17,415	652,520
2051	326,165	311,830	14,664	652,659
2052	292,233	282,549	12,245	587,027
2053	290,573	316,829	10,145	617,547
2054	327,880	271,674	8,348	607,902
2055	292,757	309,807	6,827	609,391
2056	311,553	272,621	5,556	589,730
2057	258,552	222,555	4,503	485,610
2058	253,676	291,493	3,638	548,807
2059	239,608	210,324	2,931	452,863
2060	221,405	202,160	2,357	425,922
2061	182,075	170,743	1,890	354,708
2062	165,956	158,451	1,511	325,918
2063	153,188	145,236	1,203	299,627
2064	141,396	133,882	951	276,229
2065	131,007	122,979	746	254,732

Plan Name: Trane Pension Plan
 EIN / PN: 25-0900465/003
 Plan Sponsor: Trane U.S. Inc.
 Valuation Date: January 1, 2022

SCHEDULE SB ATTACHMENTS

2066	120,565	112,556	579	233,700
2067	111,542	102,635	444	214,621
2068	102,874	93,236	336	196,446
2069	94,577	84,372	251	179,200
2070	86,646	76,051	184	162,881
2071	79,073	68,278	132	147,483

Plan Name: Trane Pension Plan
EIN / PN: 25-0900465/003
Plan Sponsor: Trane U.S. Inc.
Valuation Date: January 1, 2022

Trane Pension Plan
Schedule H, Line 4(i) - Schedule of Assets (Held at End of Year)
December 31, 2022

Plan name: Trane Pension Plan
 EIN: #25-0900465
 Plan number: #003

Identity of issue, borrower, lessor, or similar party (b)	Description of investment including maturity date, rate of interest, collateral, par or maturity value (c)	Cost (d)	Current Value (e)
PIMCO Total Return Fund	1,734,727.620 shares	\$ 18,195,679	\$ 14,675,796
Collective Short Term Investment Fund	465,118.760 shares	<u>465,119</u>	<u>465,119</u>
Total investments		<u>\$ 18,660,798</u>	<u>\$ 15,140,915</u>

Trane Pension Plan
Schedule H, Line 4(j) - Schedule of Reportable Transactions
For the Year Ended December 31, 2022

Plan name: Trane Pension Plan
 EIN: #25-0900465
 Plan number: #003

(a)	(b) Description of asset (include interest rate and maturity in case of a loan)	(c)	(d)	(g)	(h)	(i) Net gain or (loss) on each transaction
Identity of party involved		Purchase price	Selling price	Cost of asset	Current value of asset on transaction date	
PIMCO Total Return Fund	73,690,470 shares	\$ 650,756	\$ —	\$ 650,756	\$ 650,756	\$ —
PIMCO Total Return Fund	177,238,410 shares	—	1,600,000	1,869,155	1,869,155	(269,155)

Trane Pension Plan

**Financial Statements and Supplemental Schedules
December 31, 2022 and 2021**

Trane Pension Plan
Table of Contents

	Page
	<hr/>
Independent Auditor's Report	<u>1</u>
Financial Statements	
Statements of Net Assets Available for Benefits as of December 31, 2022 and 2021	<u>4</u>
Statements of Changes in Net Assets Available for Benefits for the Years Ended December 31, 2022 and 2021	<u>5</u>
Statement of Accumulated Plan Benefits December 31, 2021	<u>6</u>
Statement of Changes in Accumulated Plan Benefits Year Ended December 31, 2021	<u>7</u>
Notes to Financial Statements	<u>8</u>
Supplemental Schedules	
Schedule H, Part IV, Line 4i – Schedule of Assets (Held at End of Year)	<u>15</u>
Schedule H, Part IV, Line 4j – Schedule of Reportable Transactions	<u>16</u>

Independent Auditor's Report

To the Participants and Plan Administrator of the
Trane Pension Plan
Davidson, NC

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

We have performed audits of the financial statements of the Trane Pension Plan (the "Plan"), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statements of changes in net assets available for benefits for the years then ended, the statement of accumulated plan benefits as of December 31, 2021, the related statement of changes in accumulated plan benefits for the year ended December 31, 2021 and the related notes to the financial statements (financial statements).

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

Management has obtained certifications from the trustee as of and for the years ended December 31, 2022 and 2021, stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

Opinion

In our opinion, based on our audits and on the procedures performed as described in the Auditor's Responsibilities for the Audit of the Financial Statements section:

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

Basis for Opinion

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

Responsibilities of Management

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

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

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

Auditor's Responsibilities for the Audit of the Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit of the 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 audits.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

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

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

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

Other Matters - Supplemental Schedules Required by ERISA

The supplemental schedule of assets (held at the end of the year) as of December 31, 2022 and schedule of reportable transactions for the year ended December 31, 2022 listed in the table of contents are presented for purposes of additional analysis and are 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 schedules, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedules that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

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

In our opinion:

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

FORVIS,LLP

Charlotte, NC

October 13, 2023

Federal Employer Identification Number: 44-0160260

Trane Pension Plan
Statements of Net Assets Available for Benefits
December 31, 2022 and 2021

	2022	2021
Assets		
Investments, at fair value:		
Registered mutual funds	\$ 14,675,796	\$ 18,879,090
Short-term investment funds	465,119	280,996
Total investments	<u>15,140,915</u>	<u>19,160,086</u>
Employer contributions receivable	2,000,000	—
Total assets	<u>17,140,915</u>	<u>19,160,086</u>
 Liabilities		
Accrued expenses	<u>20,904</u>	<u>24,541</u>
Net assets available for benefits	<u>\$ 17,120,011</u>	<u>\$ 19,135,545</u>

The accompanying notes are an integral part of these financial statements.

Trane Pension Plan
Statements of Changes in Net Assets Available for Benefits
Years Ended December 31, 2022 and 2021

	2022	2021
Additions (deductions) to net assets attributable to:		
Net depreciation in fair value of investments	\$ (3,254,050)	\$ (638,467)
Interest and dividend income	650,934	455,733
Employer contributions	2,000,000	—
Total (deductions) additions	<u>(603,116)</u>	<u>(182,734)</u>
Deductions from net assets attributable to:		
Benefit payments to pensioners and beneficiaries	986,514	1,244,349
Administrative expenses	425,904	345,559
Total deductions	<u>1,412,418</u>	<u>1,589,908</u>
Net decrease	(2,015,534)	(1,772,642)
Net assets available for benefits		
Beginning of year	19,135,545	20,908,187
End of year	<u>\$ 17,120,011</u>	<u>\$ 19,135,545</u>

The accompanying notes are an integral part of these financial statements.

Trane Pension Plan
Statement of Accumulated Plan Benefits
December 31, 2021*

Actuarial present value of accumulated plan benefits (Note 2)

Vested benefits

Participants currently receiving payments	\$ 1,690,351
Other participants	18,039,903
Total vested benefits	19,730,254

Non-vested benefits

Total actuarial present value of accumulated plan benefits	\$ 19,730,254
---	----------------------

*Based on the latest actuarial valuation at January 1, 2022.

The accompanying notes are an integral part of these financial statements.

Trane Pension Plan
Statement of Changes in Accumulated Plan Benefits
Year Ended December 31, 2021*

Actuarial present value of accumulated plan benefits at January 1, 2021	\$ 22,536,146
Increase (decrease) during the year attributable to:	
Increase for interest due to a decrease in the discount period	441,500
Benefits accumulated	161,016
Net actuarial gains (losses)	(206,720)
Benefits paid	(1,244,349)
Change of assumptions	(1,957,339)
Net decrease during the year	(2,805,892)
Actuarial present value of accumulated plan benefits at December 31, 2021	\$ 19,730,254

*Based on the latest actuarial valuation at January 1, 2022.

The accompanying notes are an integral part of these financial statements.

1. Description of the Plan

The following brief description of the Trane Pension Plan (the Plan) is provided for general information purposes. Participants should refer to the plan document or summary plan description for further information.

General

The Plan is a hybrid defined benefit plan (cash balance plan) designed to allow participants some of the flexibility typically associated with a defined contribution plan, such as taking the benefit when they sever employment or receiving the benefit in a lump sum. At the same time, the Plan maintains the security associated with a traditional defined benefit pension plan. The Plan covers certain nonunion employees and collectively bargained United States employees of Trane U.S. Inc. (the Company) as defined by the Plan. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended (ERISA) and the Internal Revenue Code of 1986, as amended (IRC). The Company is a wholly owned subsidiary of Trane Technologies plc.

History

Effective January 1, 2010, all current and future salaried and non-collectively bargained hourly employees of Trane U.S. Inc. were no longer eligible to receive additional benefits related to service performed after such date and such employees became participants of the Trane Technologies Pension Plan Number One. Additionally, pursuant to the collective bargaining agreements, the Company and the respective unions at the Company's Lexington, Tyler, Rushville, LaCrosse and Clarksville facilities, employees who commenced or recommenced employment after such dates specified in the applicable collective bargaining agreement are not eligible and current collective bargained employees will no longer be eligible to receive additional benefits related to service performed after the dates set forth in the respective collective bargaining agreements. Moreover, pursuant to the labor agreement between the Company and the union at the Company's Fort Smith facility, employees ceased to receive eligible benefits after the dates set forth in the agreement related to the permanent plant shutdown. The determination of service for vesting purposes will be made in accordance with the Plan. Plan participants accrue benefits based on a percentage of compensation, as defined by the Plan.

Pension Benefits

Upon retirement or termination, participants may elect to receive distribution of their vested benefit in a lump sum or as an annuity, as defined by the Plan. Retirement benefits generally become 100% vested upon completion of three years of service as defined by the Plan.

2. Summary of Significant Accounting Policies

Basis of Accounting

The financial statements of the Plan are prepared under the accrual method of accounting.

Use of Estimates

The preparation of financial statements in accordance with U.S. Generally Accepted Accounting Principles (GAAP) requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities and changes therein, disclosure of contingent assets and liabilities, and the actuarial present value of accumulated plan benefits at the dates of the financial statements. Actual results could differ from those estimates.

Valuation of Investments

Investments are reported at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. See Note 4 for a discussion of fair value measurements.

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

Trane Pension Plan
Notes to Financial Statements
December 31, 2022 and 2021

Funding Policy

The Company's funding policy is to make annual minimum contributions as required by law as determined by the Plan's actuary, and other contributions in its discretion as allowed by law. As determined by the Plan's actuary, no contributions were required during 2022 and 2021 however, the Company made contributions of \$2,000,000 during 2022. The amounts over the minimum required contributions were discretionary. .

Expenses

The Plan pays many expenses incurred with administrating the Plan. The Plan's actuarial cost method includes a factor to fund such expenses through employer contributions. Fees paid by the Plan include various professional fees, investment fees, Pension Benefit Guaranty Corporation (PBGC) fees and any other costs reasonably necessary to administer the Plan. The PBGC requires the Plan to pay an annual flat rate premium based on the number of participants in the Plan. The Plan may also be subject to an additional variable rate premium based on the amount of unfunded vested benefits as calculated by an actuary.

Benefit Payments

Benefit payments are recorded when paid.

Subsequent Events

The Plan has evaluated subsequent events through October 13, 2023, in connection with the preparation of these financial statements, which is the date the financial statements were available to be issued. No material events were noted.

Actuarial Present Value of Accumulated Plan Benefits

Accumulated plan benefits are those future periodic payments, including lump-sum distributions that are attributable under the Plan's provisions to the credited service that employees have rendered. Accumulated plan benefits include vested benefits expected to be paid to retired or terminated employees or their beneficiaries, beneficiaries of employees who have died, and present employees or their beneficiaries or alternative payees under a qualified domestic relations order (QDRO). Benefits payable under all circumstances are included to the extent they are deemed attributable to employee credited service rendered to the valuation date.

The actuarial present value of accumulated plan benefits at January 1, 2022 was determined by the Plan's actuary. The actuarial present value results from applying actuarial assumptions to adjust the accumulated plan benefits to reflect the time value of money (through discounts for interest) and the probability of payment (by means of decrements such as for death, disability, withdrawal, or retirement) between the valuation date and the expected date of payment.

Trane Pension Plan
Notes to Financial Statements
December 31, 2022 and 2021

The significant actuarial assumptions used in the valuation at January 1, 2022 and 2021 were as follows:

- Mortality assumptions:

	January 1, 2022	January 1, 2021
Healthy	Base Mortality Table - RP-2006 sex distinct Healthy Employee and Annuitant base tables projected to 2014 base year using MP-2017. Mortality Projection Scale - MP-2020 sex distinct projection scales.	Base Mortality Table - RP-2006 sex distinct Healthy Employee and Annuitant base tables projected to 2014 base year using MP-2017. Mortality Projection Scale - MP-2020 sex distinct projection scales.
Disabled	Base Mortality Table - RP-2006 sex distinct Healthy Annuitant base tables projected to 2014 base year using MP-2017. Mortality Projection Scale - MP-2020 sex distinct projection scales.	Base Mortality Table - RP-2006 sex distinct Healthy Annuitant base tables projected to 2014 base year using MP-2017. Mortality Projection Scale - MP-2020 sex distinct projection scales.
Lump Sum Conversions	Base Mortality Table - RP-2019 Annuitant base table, blended 50% male and 50% female rates. Mortality Projection Scale - MP-2020.	Base Mortality Table - RP-2019 Annuitant base table, blended 50% male and 50% female rates. Mortality Projection Scale - MP-2020.

- Retirement ages, which start at 55 and use actual plan experience.
- Turnover rates, which vary with age and length of service.
- Administrative expense assumption was \$326,000 and \$281,000 for 2022 and 2021, respectively.
- Discount rate of 3.00% and 2.00% in 2022 and 2021, respectively.

The foregoing actuarial assumptions are based on the presumption that the Plan will continue. Were the Plan to terminate, different actuarial assumptions and other factors might be applicable in determining the actuarial present value of accumulated plan benefits.

3. Unaudited Information Certified by Trustee

JPMorgan Chase Bank N.A. (Trustee) holds the Plan's investments and executes its transactions. Prior to November 1, 2021, Bank of New York Mellon (Former Trustee), held the Plan's investments and executed its transactions. The Trustee and Former Trustee have prepared the information included in the accompanying financial statements as of December 31, 2022 and 2021 and for the years then ended and has furnished it to the plan administrator together with a certification that such information is complete and accurate. Such certifications are required under the method of compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 elected by the plan administrator.

Trane Pension Plan
Notes to Financial Statements
December 31, 2022 and 2021

The accompanying financial statements include the following unaudited information for the period from November 1, 2021 to December 31, 2021 and for the years ended December 31, 2022 and 2021 which was obtained from data prepared and certified as complete and accurate by the Trustee:

	<u>2022</u>	<u>2021</u>
Registered mutual fund	\$ 14,675,796	\$ 18,879,090
Short-term investment fund	465,119	280,996
Interest and dividend income	650,934	115,695
Net depreciation in fair value of investments	(3,254,050)	(542,330)

* All information contained in Note 3 as of December 31, 2022 and 2021.

* Information used to compile Schedule H, Part, IV, Line 4i –Schedule of Assets (Held at End of Year)

* Information used to compile Schedule H, Part, IV, Line 4j –Schedule of Reportable Transactions

The accompanying financial statements include the following unaudited information for the period from January 1, 2021 to October 31, 2021 which was obtained from data prepared and certified as complete and accurate by the Former trustee for the period prior to the transfer to the Trustee:

	<u>2021</u>
Registered mutual fund	—
Short-term investment fund	—
Interest and dividend income	340,038
Net (depreciation) appreciation in fair value of investments	(96,137)

* All information contained in Note 3 prior to November 1, 2021.

4. Fair Value Measurements

Fair value is defined as the exchange price that would be received to sell an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date. Fair value measurements are based on a framework that utilizes the inputs market participants use to determine the fair value of an asset or liability and establishes a fair value hierarchy to prioritize those inputs. The fair value hierarchy is comprised of three levels that are described below:

- Level 1 Inputs to the valuation methodology are based on quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.
- Level 2 Inputs other than Level 1. Inputs to the valuation methodology include:
 - Quoted prices for similar assets or liabilities in active markets;
 - Quoted prices for identical or similar assets or liabilities in markets that are not active;
 - Other inputs that are observable or can be corroborated by observable market data for substantially the full term of the asset or liability.

Trane Pension Plan
Notes to Financial Statements
December 31, 2022 and 2021

Level 3 Inputs to the valuation methodology are unobservable inputs based on little or no market activity and that are significant to the fair value of the assets and liabilities.

The fair value hierarchy requires an entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value. Observable inputs are obtained from independent sources and can be validated by a third party, whereas unobservable inputs reflect assumptions regarding what a third party would use in pricing an asset or liability based on the best information available under the circumstances. A financial instrument's categorization within the fair value hierarchy is based upon the lowest level of input that is significant to the fair value measurement.

Following is a description of the valuation methodologies used for the underlying assets measured at fair value. There have been no significant changes in the methodologies used at December 31, 2022 and 2021.

Registered mutual fund: The shares of registered investment companies are valued at quoted market prices in an exchange or active market. Registered mutual funds are pooled assets of multiple investors overseen by investment managers. Investors own a proportionate interest in the fund (i.e. number of units of the fund). Daily price (Net Asset Value or NAV per share) is determined based on the total market value of the fund divided by total number of shares outstanding. Registered mutual funds are typically daily traded, and their NAVs are publicly quoted. As a result, these funds are not subject to leveling.

Short term investment fund: The short-term investment fund is valued at the closing price or amount held on deposit by the custodian bank or at the fair value by discounting the related cash flows based on the current yields of similar instruments with comparable durations considering the credit-worthiness of the issuer. As these investments are traded on active markets, these investments are classified as Level 1.

The methods described above may produce a fair value 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.

The following table sets forth by level, with the fair value hierarchy, the Plan's assets at fair value as of December 31, 2022 and 2021:

Assets at fair value as of December 31, 2022

	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Net Asset Value</u>	<u>Total</u>
Registered mutual fund: bond fund	\$ —	\$ —	\$ —	\$ 14,675,796	\$ 14,675,796
Short term investment fund	465,119	—	—	—	465,119
Total assets at fair value	<u>\$ 465,119</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 14,675,796</u>	<u>\$ 15,140,915</u>

Trane Pension Plan
Notes to Financial Statements
December 31, 2022 and 2021

Assets at fair value as of December 31, 2021

	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Net Asset Value</u>	<u>Total</u>
Registered mutual fund: bond fund	\$ —	\$ —	\$ —	\$ 18,879,090	\$ 18,879,090
Short term investment fund	280,996	—	—	—	280,996
Total assets at fair value	<u>\$ 280,996</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 18,879,090</u>	<u>\$ 19,160,086</u>

5. Plan Termination

Subject to the applicable collective bargaining agreement, Trane Technologies plc has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions set forth in ERISA and the IRC.

Title IV of ERISA allows a plan sponsor to terminate a fully funded plan in a standard termination. If the Plan terminates in a standard termination, the Plan must pay out all benefits, either as a lump sum or by buying an annuity for each Plan participant.

In the event the Plan is terminated in a termination other than a standard termination, the net assets of the Plan will be allocated, as prescribed by ERISA and the IRC and its respective related regulations. Certain benefits under the Plan are insured by the PBGC if the Plan is terminated in a termination other than a standard termination. Generally, the PBGC guarantees most vested normal age retirement benefits, early retirement benefits, and certain disability and survivor's benefits. However, the PBGC does not guarantee benefits to all Plan participants and for all types of benefits and the amount of benefit protection is subject to certain limitations. Whether all participants receive their benefits should the Plan be terminated in a termination other than a standard termination will depend on the sufficiency, at that time, of the Plan's net assets to provide those benefits and may also depend on the level of benefits guaranteed by the PBGC. Typically, only a company that is in bankruptcy may terminate a pension plan without fully funding the plan.

6. Tax Status

The Internal Revenue Service has determined and informed the Company by a letter dated July 21, 2020, that the Plan and related trust are designed in accordance with the applicable sections of the IRC to be exempt from taxation. The plan administrator believes that the Plan is designed and is being operated in material compliance with the applicable requirements of the IRC.

GAAP requires plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the Internal Revenue Service. The plan administrator has analyzed the tax positions taken by the Plan and has concluded that as of December 31, 2022 and 2021, there are no uncertain positions taken or expected to be taken that would require recognition of a liability or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

7. Risks and Uncertainties

The Plan invests in various bonds, fixed-income and other investment securities. These securities are exposed to various risks, such as interest rate, market and credit risks. The Benefit Investment Committee's (BIC) objective in managing defined benefit plan assets is to ensure that all present and future benefit obligations are met as they come

Trane Pension Plan
Notes to Financial Statements
December 31, 2022 and 2021

due. It seeks to achieve this goal while trying to mitigate volatility in plan funded status, contribution, and expense by better matching characteristics of the plan assets to that of the plan liabilities. The BIC utilizes a dynamic approach to asset allocation whereby a plan's allocation to fixed income assets increases as the plan's funded status improves. Due to the level of risk associated with certain of investments, and the level of uncertainty related to changes in the fair values of such investments, it is at least reasonably possible that changes in such risks in the near term would materially affect the Plan's investment balances, and amounts reported in the Statements of Net Assets Available for Benefits and the Statements of Changes in Net Assets Available for Benefits.

Plan contributions are made and the actuarial present value of accumulated plan benefits is reported based on certain assumptions pertaining to interest rates, inflation rates, and employee demographics, all of which are subject to change. Due to uncertainties inherent in the estimations and assumptions process, it is at least reasonably possible that changes in these estimates and assumptions in the near term would be material to the financial statements.

Trane Pension Plan
Schedule H, Line 4(i) - Schedule of Assets (Held at End of Year)
December 31, 2022

Plan name: Trane Pension Plan
 EIN: #25-0900465
 Plan number: #003

Identity of issue, borrower, lessor, or similar party (b)	Description of investment including maturity date, rate of interest, collateral, par or maturity value (c)	Cost (d)	Current Value (e)
PIMCO Total Return Fund	1,734,727.620 shares	\$ 18,195,679	\$ 14,675,796
Collective Short Term Investment Fund	465,118.760 shares	<u>465,119</u>	<u>465,119</u>
Total investments		<u><u>\$ 18,660,798</u></u>	<u><u>\$ 15,140,915</u></u>

Trane Pension Plan
Schedule H, Line 4(j) - Schedule of Reportable Transactions
For the Year Ended December 31, 2022

Plan name: Trane Pension Plan
 EIN: #25-0900465
 Plan number: #003

(a)	(b)	(c)	(d)	(g)	(h)	(i)
Identity of party involved	Description of asset (include interest rate and maturity in case of a loan)	Purchase price	Selling price	Cost of asset	Current value of asset on transaction date	Net gain or (loss) on each transaction
PIMCO Total Return Fund	73,690.470 shares	\$ 650,756	\$ —	\$ 650,756	\$ 650,756	\$ —
PIMCO Total Return Fund	177,238.410 shares	—	1,600,000	1,869,155	1,869,155	(269,155)