

Form 5500-SF

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Short Form Annual Return/Report of Small Employee Benefit Plan

This form is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA), and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).

▶ **Complete all entries in accordance with the instructions to the Form 5500-SF.**

OMB Nos. 1210-0110
1210-0089

2022

This Form is Open to Public Inspection

Part I Annual Report Identification Information

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

- A** This return/report is for: a single-employer plan a multiple-employer plan (not multiemployer) (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
- B** This return/report is the first return/report the final return/report
 an amended return/report a short plan year return/report (less than 12 months)
- C** Check box if filing under: Form 5558 automatic extension DFVC program
 special extension (enter description)
- D** 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 TINICUM, INC. DEFINED BENEFIT PENSION PLAN AND TRUST		1b Three-digit plan number (PN) ▶ 002
		1c Effective date of plan 01/01/1997
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) TINICUM, INC. 990 STEWART AVENUE, 5TH FLOOR GARDEN CITY, NY 11530		2b Employer Identification Number (EIN) 13-2932626
		2c Sponsor's telephone number 516-222-2874
		2d Business code (see instructions) 561110
3a Plan administrator's name and address <input checked="" type="checkbox"/> Same as Plan Sponsor.		3b Administrator's EIN
		3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report. a Sponsor's name c Plan Name		4b EIN
		4d PN
5a Total number of participants at the beginning of the plan year.....	5a	32
b Total number of participants at the end of the plan year	5b	32
c Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	5c	
d(1) Total number of active participants at the beginning of the plan year	5d(1)	13
d(2) Total number of active participants at the end of the plan year.....	5d(2)	10
e Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	5e	0

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, if applicable, a Schedule SB or Schedule MB completed and signed by an enrolled actuary, 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.	10/10/2023	MICHAEL DAVIDSON
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/09/2023	MICHAEL DAVIDSON
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor

- 6a** Were all of the plan's assets during the plan year invested in eligible assets? (See instructions.) Yes No
- b** Are you claiming a waiver of the annual examination and report of an independent qualified public accountant (IQPA) under 29 CFR 2520.104-46? (See instructions on waiver eligibility and conditions.) Yes No
- If you answered "No" to either line 6a or line 6b, the plan cannot use Form 5500-SF and must instead use Form 5500.**
- c** If the plan is a defined benefit plan, is it covered under the PBGC insurance program (see ERISA section 4021)? Yes No Not determined
- If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 473369. (See instructions.)

Part III Financial Information			
7 Plan Assets and Liabilities		(a) Beginning of Year	(b) End of Year
a Total plan assets.....	7a	3402296	4026589
b Total plan liabilities.....	7b		
c Net plan assets (subtract line 7b from line 7a).....	7c	3402296	4026589
8 Income, Expenses, and Transfers for this Plan Year		(a) Amount	(b) Total
a Contributions received or receivable from:			
(1) Employers.....	8a(1)	850000	
(2) Participants.....	8a(2)		
(3) Others (including rollovers).....	8a(3)		
b Other income (loss).....	8b	4657	
c Total income (add lines 8a(1), 8a(2), 8a(3), and 8b).....	8c		854657
d Benefits paid (including direct rollovers and insurance premiums to provide benefits).....	8d	230364	
e Certain deemed and/or corrective distributions (see instructions).....	8e		
f Administrative service providers (salaries, fees, commissions).....	8f		
g Other expenses.....	8g		
h Total expenses (add lines 8d, 8e, 8f, and 8g).....	8h		230364
i Net income (loss) (subtract line 8h from line 8c).....	8i		624293
j Transfers to (from) the plan (see instructions).....	8j		

Part IV Plan Characteristics	
9a	If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristic Codes in the instructions: <u>1A 1I</u>
b	If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristic Codes in the instructions:

Part V Compliance Questions				
10 During the plan year:		Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? (See instructions and DOL's Voluntary Fiduciary Correction Program).....	10a		X	
b Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 10a.).....	10b		X	
c Was the plan covered by a fidelity bond?.....	10c	X		5000000
d Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?.....	10d		X	
e Were any fees or commissions paid to any brokers, agents, or other persons by an insurance carrier, insurance service, or other organization that provides some or all of the benefits under the plan? (See instructions.).....	10e		X	
f Has the plan failed to provide any benefit when due under the plan?.....	10f		X	
g Did the plan have any participant loans? (If "Yes," enter amount as of year-end.).....	10g		X	
h If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.).....	10h			
i If 10h was answered "Yes," check the box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.....	10i			

Part VI Pension Funding Compliance

11 Is this a defined benefit plan subject to minimum funding requirements? (If "Yes," see instructions and complete Schedule SB (Form 5500) and lines 11a and b below.) If this is a defined contribution pension plan, leave line 11 blank and complete line 12 below. Yes No

a Enter the unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40..... **11a** 0

b PBGC missed contribution reporting requirements. If the plan is covered by PBGC and the amount reported on line 11a is greater than \$0, 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 _____

12 Is this a defined contribution plan subject to the minimum funding requirements of section 412 of the Code or section 302 of ERISA? Yes No
 (If "Yes," complete line 12a or lines 12b, 12c, 12d, and 12e below, as applicable.) If this is a defined benefit pension plan, leave line 12 blank and complete line 11 above.

a 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 letter ruling granting the waiver.Month Day Year

If you completed line 12a, complete lines 3, 9, and 10 of Schedule MB (Form 5500), and skip to line 13.

b Enter the minimum required contribution for this plan year **12b**

c Enter the amount contributed by the employer to the plan for this plan year **12c**

d Subtract the amount in line 12c from the amount in line 12b. Enter the result (enter a minus sign to the left of a negative amount) **12d**

e Will the minimum funding amount reported on line 12d be met by the funding deadline?..... Yes No N/A

Part VII Plan Terminations and Transfers of Assets

13a Has a resolution to terminate the plan been adopted in any plan year? Yes No

If "Yes," enter the amount of any plan assets that reverted to the employer this year..... **13a**

b Were all the plan assets distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?..... Yes No

c 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.)

13c(1) Name of plan(s):	13c(2) EIN(s)	13c(3) PN(s)

SCHEDULE SB (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>	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.	<small>OMB No. 1210-0110</small> 2022 This Form is Open to Public Inspection
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

▶ **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>TINICUM, INC. DEFINED BENEFIT PENSION PLAN AND TRUST</u>	B Three-digit plan number (PN) ▶	<u>002</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>TINICUM, INC.</u>	D Employer Identification Number (EIN) <u>13-2932626</u>	
E Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B	F Prior year plan size: <input checked="" type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input type="checkbox"/> 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>3402296</u>	
b Actuarial value.....	2b	<u>3402296</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>13</u>	<u>1818222</u>	<u>1818222</u>
b For terminated vested participants.....	<u>12</u>	<u>568144</u>	<u>568144</u>
c For active participants.....	<u>7</u>	<u>1391427</u>	<u>1391427</u>
d Total	<u>32</u>	<u>3777793</u>	<u>3777793</u>
4 If the plan is in at-risk status, check the box and complete lines (a) and (b)..... <input type="checkbox"/>			
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>5.40 %</u>	
6 Target normal cost			
a Present value of current plan year accruals.....	6a	<u>0</u>	
b Expected plan-related expenses	6b	<u>0</u>	
c Total (line 6a + line 6b)	6c	<u>0</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		
	Signature of actuary	<u>10/03/2023</u>
	<u>STEVEN R. MARCUS, EA,ASA,MAAA</u>	Date
	Type or print name of actuary	<u>23-06245</u>
	<u>USI CONSULTING GROUP</u>	Most recent enrollment number
	Firm name	<u>516-683-6100</u>
	<u>725 RXR PLAZA, EAST TOWER</u> <u>UNIONDALE, NY 11556</u>	Telephone number (including area code)
	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

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 _____%	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).....		387161
	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>5.59</u> %.....		21642
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		
	c Total available at beginning of current plan year to add to prefunding balance.....		408803
	d Portion of (c) to be added to prefunding balance.....		
12	Other reductions in balances due to elections or deemed elections.....		
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	90.06 %
15	Adjusted funding target attainment percentage	15	90.06 %
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	85.94 %
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		
02/02/2022	100000						
07/28/2022	50000						
09/01/2022	300000						
09/28/2022	50000						
11/28/2022	50000						
08/31/2023	300000						
			Totals ▶	18(b)	850000	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
	b Contributions made to avoid restrictions adjusted to valuation date.	19b
	c Contributions allocated toward minimum required contribution for current year adjusted to valuation date.	19c 808381
20	Quarterly contributions and liquidity shortfalls:	
	a Did the plan have a "funding shortfall" for the prior year?.....	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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
0	0	0	0

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 %	<input type="checkbox"/> N/A, full yield curve used
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b Applicable month (enter code)..... **21b** 0

22 Weighted average retirement age **22** 65

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**

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

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	0
b Excess assets, if applicable, but not greater than line 31a	31b	

32 Amortization installments:	Outstanding Balance	Installment
a Net shortfall amortization installment	375497	36872
b Waiver amortization installment		

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** 36872

	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** 36872

37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)..... **37** 808381

38 Present value of excess contributions for current year (see instructions)

a Total (excess, if any, of line 37 over line 36)	38a	771509
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	

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 (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>	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.	<small>OMB No. 1210-0110</small> 2022 This Form is Open to Public Inspection
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

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

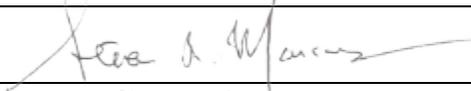
▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan Tinicum, Inc. Defined Benefit Pension Plan And Trust	B Three-digit plan number (PN) ▶	002
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF Tinicum, Inc.	D Employer Identification Number (EIN) 13-2932626	
E Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B	F Prior year plan size: <input checked="" type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input type="checkbox"/> More than 500	

Part I Basic Information			
1 Enter the valuation date:	Month <u>1</u>	Day <u>1</u>	Year <u>2022</u>
2 Assets:			
a Market value	2a		3,402,296
b Actuarial value	2b		3,402,296
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	13	1,818,222	1,818,222
b For terminated vested participants	12	568,144	568,144
c For active participants	7	1,391,427	1,391,427
d Total	32	3,777,793	3,777,793
4 If the plan is in at-risk status, check the box and complete lines (a) and (b)..... <input type="checkbox"/>			
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		5.40 %
6 Target normal cost			
a Present value of current plan year accruals	6a		0
b Expected plan-related expenses	6b		0
c Total (line 6a + line 6b)	6c		0

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	 Signature of actuary	<u>10/03/2023</u> Date
	Steven R. Marcus, EA, ASA, MAAA Type or print name of actuary	<u>23-06245</u> Most recent enrollment number
	USI CONSULTING GROUP Firm name	<u>(516) 683-6100</u> Telephone number (including area code)
	725 RXR PLAZA, EAST TOWER UNIONDALE NY 11556 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

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 _____%	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)		387161
	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>5.59</u> %		21642
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		
	c Total available at beginning of current plan year to add to prefunding balance		408803
	d Portion of (c) to be added to prefunding balance		
12	Other reductions in balances due to elections or deemed elections		
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	90.06%
15	Adjusted funding target attainment percentage	15	90.06%
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	85.94%
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	
	02/02/2022	100,000					
	07/28/2022	50,000					
	09/01/2022	300,000					
	09/28/2022	50,000					
	11/28/2022	50,000					
	08/31/2023	300,000					
	Totals ▶			18(b)	850,000	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	
b Contributions made to avoid restrictions adjusted to valuation date	19b	
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	808,381

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	
0	0	0		0

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 %	<input type="checkbox"/> N/A, full yield curve used
b Applicable month (enter code)				21b 0
22 Weighted average retirement age				22 65
23 Mortality table(s) (see instructions)	<input type="checkbox"/> Prescribed - combined	<input checked="" type="checkbox"/> Prescribed - separate	<input type="checkbox"/> 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.....	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.....	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> 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.....	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
b Is the plan required to provide a projection of expected benefit payments? If "Yes," see instructions regarding required attachment ...	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> 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	
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a).....	29	
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	0	
b Excess assets, if applicable, but not greater than line 31a	31b		
32 Amortization installments:	Outstanding Balance	Installment	
a Net shortfall amortization installment	375,497	36,872	
b Waiver amortization installment			
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	36,872	
	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	36,872	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	808,381	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	771,509	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances.....	38b		
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. <input type="checkbox"/> 2019 <input type="checkbox"/> 2020 <input checked="" type="checkbox"/> 2021
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TINICUM, INC. DEFINED BENEFIT PENSION PLAN AND TRUST

EIN: 13-2932626

PN: 002

2022 FORM 5500 SCHEDULE SB, PART V – STATEMENT OF ACTUARIAL ASSUMPTION/ METHOD

Actuarial cost method:	The unit credit cost method, where the funding target is equal to the sum of the individual liabilities for all the participants. The individual's accrued liability is the present value of the benefit accrued in the prior plan years. The target normal cost is the present value of benefits accruing in the plan year, plus any assumed expenses paid from the plan.	
Asset method:	Market Value of Assets plus discounted contributions receivable	
Interest rates:	First Segment (0-5 years):	4.75%
	Second Segment (5-20 years):	5.18%
	Third Segment (20+ years):	6.92%
	Effective:	5.40%
	Look Back Month	January
Mortality:	IRS 2022 Static Mortality Table (Annuitant and Non-Annuitant) IRS 2021 Static Mortality Table (Annuitant and Non-Annuitant) was used last year	
Retirement:	Participants are assumed to retire at age 65.	
Termination:	Not Assumed	
Salary Increase:	Not Applicable	
Expenses Paid from Plan:	None	
Form of Payment:	Life Annuity	

TINICUM, INC. DEFINED BENEFIT PENSION PLAN AND TRUST

EIN: 13-2932626

PN: 002

2022 FORM 5500 SCHEDULE SB, PART V – SUMMARY OF PLAN PROVISIONS

- Average Compensation:** Annual average of a Participant's Compensation averaged over the 5 highest consecutive Plan Years during which the Participant completed or was entitled to credit for completing a year of Benefit Service.
- Early Retirement:** Not provided
- Effective Date:** January 1, 1997
- Eligibility:** 21 years of age with 1 year of service
- Excludable Class:** Employees who are employed as a fund analyst by Tinicum, Inc. on behalf of Tinicum Capital Partners, LP.
- Entry Date:** January 1 or July 1
- Normal Retirement:** Age 65
- Normal Retirement Benefit:** Based on the following formula where the projected benefit amount in sentence (1) below is multiplied by the accrual fraction in sentence (2) below:
- (1) The sum of 1.3% of a Participant's Average Compensation up to the Participant's Cover Compensation plus 1.8% of the Participant's Average Compensation in excess of the Participant's Cover Compensation; multiplied by his or her Year of Benefit Service at Normal Retirement date to a maximum of 35 years.
 - (2) A fraction (not to exceed one), the numerator of which is the Participant's actual completed Years of Benefit Service at Normal Retirement Date or earlier Termination of Employment; and the denominator of which is the Years of Benefit Service which the Participant would have accumulated at Normal Retirement Date, provided that the minimum denominator shall be 25 years.

TINICUM, INC. DEFINED BENEFIT PENSION PLAN AND TRUST

EIN: 13-2932626

PN: 002

2022 FORM 5500 SCHEDULE SB, PART V – SUMMARY OF PLAN PROVISIONS (CONT'D)

Normal Retirement Benefit (CONT'D):	Effective May 23, 2009 benefits were frozen so that no future service or salary increases will increase benefit amounts. In addition, future employees will not be eligible to enter the plan.
Normal Form:	50% Joint & Survivor Annuity for married Single Life Annuity for single participants
Optional Forms:	75% Joint & Survivor Annuity, 100% Joint & Survivor Annuity, Lump Sum (limited to \$25,000)
Death Benefit:	Actuarial equivalent of accrued benefits
Disability Benefit:	Actuarial equivalent of accrued benefits
Vesting:	5 Year Cliff
Year of Benefit Service:	A Plan Year during which a Participant completed 1000 Hours of Service

TINICUM, INC. DEFINED BENEFIT PENSION PLAN AND TRUST

EIN: 13-2932626

PN: 002

2022 FORM 5500 - SCHEDULE SB, LINE 19 - DISCOUNTED EMPLOYER CONTRIBUTIONS

Contribution Payment Date: 1/1/2022

2022 Effective Interest Rate: 5.40%

Contribution:

<u>(Date)</u>	<u>Amount (\$)</u>	<u># Days to Valuation Date</u>	<u>Contribution Discounted to Valuation Date</u>
2/2/2022	\$100,000	32	\$99,540
7/28/2022	\$50,000	208	\$48,524
9/1/2022	\$300,000	243	\$289,678
9/28/2022	\$50,000	270	\$48,092
11/28/2022	\$50,000	331	\$47,671
8/31/2023	\$300,000	607	\$274,876
TOTALS	\$850,000		\$808,381

TINICUM, INC. DEFINED BENEFIT PENSION PLAN AND TRUST

EIN: 13-2932626

PN: 002

**2022 FORM 5500 - SCHEDULE SB LINE 22 - DESCRIPTION OF WEIGHTED AVERAGE RETIREMENT
AGE**

Participants are assumed to retire at age 65.

TINICUM, INC. DEFINED BENEFIT PENSION PLAN AND TRUST

EIN: 13-2932626

PN: 002

2022 FORM 5500 SCHEDULE SB, LINE 26 – SCHEDULE OF ACTIVE PARTICIPANT DATA

Age	Under 1	1-5	5-10	10-15	15-20	20-25	25-30	30-35	35+	Total
Under 25										
25 - 29										
30 - 34										
35 - 39				1						1
40 - 44										
45 - 49										
50 - 54						2				2
55 - 59						2				2
60 - 64					1	3		1	1	6
65 +				1		1				2
Totals				2	1	8		1	1	13

TINICUM , INC. DEFINED BENEFIT
PENSION PLAN AND TRUST

EIN: 13-2932626
PN: 002

2022 FORM 5500 - SCHEDULE SB, LINE 32 - SCHEDULE OF AMORTIZATION BASES

Date Established	Initial Balance	Shortfall Amortization Charge	Remaining Amortization Periods	Balance 1/1/2022
1/1/2022	\$375,497	<u>\$36,872</u>	15	<u>\$375,497</u>
	Total Charge	\$36,872		\$375,497

Form 5500-SF

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration
Pension Benefit Guaranty Corporation

Short Form Annual Return/Report of Small Employee Benefit Plan

This form is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA), and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).

▶ **Complete all entries in accordance with the instructions to the Form 5500-SF.**

OMB Nos. 1210-0110
1210-0089

2022

This Form is Open to Public Inspection

Part I Annual Report Identification Information

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

A This return/report is for: a single-employer plan a multiple-employer plan (not multiemployer) (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)

B This return/report is the first return/report the final return/report
 an amended return/report a short plan year return/report (less than 12 months)

C Check box if filing under: Form 5558 automatic extension DFVC program
 special extension (enter description)

D 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 Tinicum, Inc. Defined Benefit Pension Plan And Trust		1b Three-digit plan number (PN) ▶ 002
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) Tinicum, Inc. 990 Stewart Avenue, 5th Floor Garden City NY 11530		1c Effective date of plan 01/01/1997
3a Plan administrator's name and address <input checked="" type="checkbox"/> Same as Plan Sponsor.		2b Employer Identification Number (EIN) 13-2932626
		2c Sponsor's telephone number (516) 222-2874
		2d Business code (see instructions) 561110
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		3b Administrator's EIN
		3c Administrator's telephone number
5a Total number of participants at the beginning of the plan year		4b EIN
b Total number of participants at the end of the plan year		4d PN
c Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)		5a 32
d(1) Total number of active participants at the beginning of the plan year		5b 32
d(2) Total number of active participants at the end of the plan year		5c
e Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested		5d(1) 13
		5d(2) 10
		5e 0

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, if applicable, a Schedule SB or Schedule MB completed and signed by an enrolled actuary, 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	<i>Michael Davidson</i>	<u>10/10/23</u>	Michael Davidson
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	<i>Michael Davidson</i>	<u>10/10/23</u>	Michael Davidson
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor

- 6a** Were all of the plan's assets during the plan year invested in eligible assets? (See instructions.) Yes No
- b** Are you claiming a waiver of the annual examination and report of an independent qualified public accountant (IQPA) under 29 CFR 2520.104-46? (See instructions on waiver eligibility and conditions.) Yes No
- If you answered "No" to either line 6a or line 6b, the plan cannot use Form 5500-SF and must instead use Form 5500.**
- c** If the plan is a defined benefit plan, is it covered under the PBGC insurance program (see ERISA section 4021)? Yes No Not determined
 If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 473369. (See instructions.)

Part III Financial Information			
7		(a) Beginning of Year	(b) End of Year
7	Plan Assets and Liabilities		
a	Total plan assets	7a 3,402,296	4,026,589
b	Total plan liabilities	7b	
c	Net plan assets (subtract line 7b from line 7a)	7c 3,402,296	4,026,589
8		(a) Amount	(b) Total
a	Contributions received or receivable from:		
	(1) Employers	8a(1) 850,000	
	(2) Participants	8a(2)	
	(3) Others (including rollovers)	8a(3)	
b	Other income (loss)	8b 4,657	
c	Total income (add lines 8a(1), 8a(2), 8a(3), and 8b)	8c	854,657
d	Benefits paid (including direct rollovers and insurance premiums to provide benefits)	8d 230,364	
e	Certain deemed and/or corrective distributions (see instructions) .	8e	
f	Administrative service providers (salaries, fees, commissions)	8f	
g	Other expenses	8g	
h	Total expenses (add lines 8d, 8e, 8f, and 8g)	8h	230,364
i	Net income (loss) (subtract line 8h from line 8c)	8i	624,293
j	Transfers to (from) the plan (see instructions)	8j	

Part IV Plan Characteristics	
9a	If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristic Codes in the instructions: 1A 1I
b	If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristic Codes in the instructions:

Part V Compliance Questions				
10		Yes	No	Amount
a	During the plan year: Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? (See instructions and DOL's Voluntary Fiduciary Correction Program)	10a	X	
b	Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 10a.)	10b	X	
c	Was the plan covered by a fidelity bond?	10c	X	5,000,000
d	Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	10d	X	
e	Were any fees or commissions paid to any brokers, agents, or other persons by an insurance carrier, insurance service, or other organization that provides some or all of the benefits under the plan? (See instructions.)	10e	X	
f	Has the plan failed to provide any benefit when due under the plan?	10f	X	
g	Did the plan have any participant loans? (If "Yes," enter amount as of year-end.)	10g	X	
h	If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	10h		
i	If 10h was answered "Yes," check the box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3	10i		

Part VI Pension Funding Compliance

11 Is this a defined benefit plan subject to minimum funding requirements? (If "Yes," see instructions and complete Schedule SB (Form 5500) and lines 11a and b below.) If this is a defined contribution pension plan, leave line 12 blank and complete line 11 below. Yes No

a Enter the unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 **11a** 0

b PBGC missed contribution reporting requirements. If the plan is covered by PBGC and the amount reported on line 11a is greater than \$0, 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 _____

12 Is this a defined contribution plan subject to the minimum funding requirements of section 412 of the Code or section 302 of ERISA? (If "Yes," complete line 12a or lines 12b, 12c, 12d, and 12e below, as applicable.) If this is a defined benefit pension plan, leave line 12 blank and complete line 11 above. Yes No

a 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 letter ruling granting the waiver. Month _____ Day _____ Year _____

If you completed line 12a, complete lines 3, 9, and 10 of Schedule MB (Form 5500), and skip to line 13.

b Enter the minimum required contribution for this plan year **12b**

c Enter the amount contributed by the employer to the plan for this plan year **12c**

d Subtract the amount in line 12c from the amount in line 12b. Enter the result (enter a minus sign to the left of a negative amount) **12d**

e Will the minimum funding amount reported on line 12d be met by the funding deadline? Yes No N/A

Part VII Plan Terminations and Transfers of Assets

13a Has a resolution to terminate the plan been adopted in any plan year? Yes No

If "Yes," enter the amount of any plan assets that reverted to the employer this year. **13a**

b Were all the plan assets distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC? Yes No

c 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.)

13c(1) Name of plan(s):	13c(2) EIN(s)	13c(3) PN(s)

EFAST2 Filing Authorization
for the 2022 Form 5500-SF

Tinicum 401(k) Plan
EIN / PN: 13-2932626 / 001
Plan Year Ending: 12/31/2022

Tinicum, Inc. Defined Benefit Pension Plan and Trust
EIN / PN: 13-2932626 / 002
Plan Year Ending: 12/31/2022

Authorization of Practitioner to Electronically Sign and File

I hereby authorize USI to electronically sign and file the above-named returns/reports through EFAST2.

I understand that in granting this authority that:

- I must manually sign and date page 1 of the Form 5500-SF and provide a scanned copy of that signature page to USI before the electronic filing can be initiated;
- USI will retain a copy of this written authorization in its records;
- USI will notify the individual signing below as plan administrator/employer about any inquiries and information it receives from EFAST2, DOL, IRS, or PBGC regarding this annual return/report; and
- A copy of my signature, as it appears on page 1 of the Form 5500-SF, will be included with the return/report posted by the Department of Labor on the Internet for public disclosure.
- USI shall not be deemed an administrator or other fiduciary with respect to any Plan solely on account of the services performed under this authorization.

This authorization is applicable only to the filing for the above-named Plan and applies only for Plan year end stated above.



Employer / Plan Sponsor



Date