

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

2024

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

- A This return/report is for: [X] a single-employer plan [] a multiple-employer plan (not multiemployer) (Pension Plan filers checking this box must attach Schedule MEP. Other plans 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: [X] Form 5558 [] automatic extension [] DFVC program [] special extension (enter description)
D If the plan is a collectively-bargained plan, check here []
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 INNOVATIVE ENGINEERING SOLUTIONS, LLC CASH BALANCE PLAN
1b Three-digit plan number (PN) 002
1c Effective date of plan 01/01/2022
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) INNOVATIVE ENGINEERING SOLUTIONS, LLC 26784 COUNTRY ACRES DR SIOUX FALLS, SD 57106
2b Employer Identification Number (EIN) 20-2191873
2c Sponsor's telephone number 605-366-9457
2d Business code (see instructions) 237990
3a Plan administrator's name and address [X] 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 4
b Total number of participants at the end of the plan year 4
c(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item)
c(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)
d(1) Total number of active participants at the beginning of the plan year 4
d(2) Total number of active participants at the end of the plan year 4
e Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested 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.

Table with 4 columns: SIGN HERE, Signature of plan administrator, Date, Enter name of individual signing as plan administrator. Includes entries for JONATHON GILES dated 09/16/2025.

- 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 _____ (See instructions.)

Part III Financial Information			
7 Plan Assets and Liabilities		(a) Beginning of Year	(b) End of Year
a Total plan assets	7a	228792	360250
b Total plan liabilities	7b	0	0
c Net plan assets (subtract line 7b from line 7a)	7c	228792	360250
8 Income, Expenses, and Transfers for this Plan Year		(a) Amount	(b) Total
a Contributions received or receivable from:			
(1) Employers	8a(1)	115000	
(2) Participants	8a(2)	0	
(3) Others (including rollovers)	8a(3)	0	
b Other income (loss)	8b	19706	
c Total income (add lines 8a(1), 8a(2), 8a(3), and 8b)	8c		134706
d Benefits paid (including direct rollovers and insurance premiums to provide benefits)	8d	0	
e Certain deemed and/or corrective distributions (see instructions) .	8e	0	
f Administrative service providers (salaries, fees, commissions)	8f	3248	
g Other expenses	8g	0	
h Total expenses (add lines 8d, 8e, 8f, and 8g)	8h		3248
i Net income (loss) (subtract line 8h from line 8c)	8i		131458
j Transfers to (from) the plan (see instructions)	8j	0	

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: 1C 3D
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? Continue to answer "Yes" for any prior year failures until fully corrected. (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		60000
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		X	
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? (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

a 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)

Part VIII IRS Compliance Questions

14a Does the plan satisfy the coverage and nondiscrimination tests of Code sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules? Yes No

14b If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2).

- Design-based safe harbor method
- "Prior year" ADP test
- "Current year" ADP test
- N/A

15 If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter 02 / 28 / 2023 (MM/DD/YYYY) and the Opinion Letter serial number Q705199A.

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> 2024 This Form is Open to Public Inspection
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For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

▶ **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>INNOVATIVE ENGINEERING SOLUTIONS, LLC CASH BALANCE PLAN</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>INNOVATIVE ENGINEERING SOLUTIONS, LLC</u>	D Employer Identification Number (EIN) <u>20-2191873</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>12</u> Day <u>31</u> Year <u>2024</u>		
2	Assets:		
	a Market value	2a	<u>245250</u>
	b Actuarial value	2b	<u>245250</u>
3	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target
	a For retired participants and beneficiaries receiving payment	<u>0</u>	<u>0</u>
	b For terminated vested participants	<u>0</u>	<u>0</u>
	c For active participants	<u>4</u>	<u>228655</u>
	d Total	<u>4</u>	<u>228655</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>5.28 %</u>
6	Target normal cost		
	a Present value of current plan year accruals	6a	<u>107775</u>
	b Expected plan-related expenses	6b	<u>0</u>
	c Target normal cost	6c	<u>107775</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>09/09/2025</u>
	<u>JERROLLO FILIPSKI, FSA, EA</u>	Date
	Type or print name of actuary	<u>23-03076</u>
	<u>FUTUREPLAN BY ASCENSUS</u>	Most recent enrollment number
	Firm name	<u>215-648-8000</u>
	<u>P.O. BOX 426</u>	Telephone number (including area code)
	<u>FORT WASHINGTON, PA 19034</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

Part V Assumptions Used to Determine Funding Target and Target Normal Cost			
21 Discount rate:			
a Segment rates:	1st segment: 5.03 %	2nd segment: 5.28 %	<input type="checkbox"/> N/A, full yield curve used
b Applicable month (enter code)			21b 1
22 Weighted average retirement age			22 65
23 Mortality table(s) (see instructions) <input checked="" type="checkbox"/> Prescribed - combined <input 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 type="checkbox"/> Yes <input checked="" 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 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 107775
b Excess assets, if applicable, but not greater than line 31a			31b 16595
32 Amortization installments:	Outstanding Balance	Installment	
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 91180
	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 91180
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)			37 112166
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)			38a 20986
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. <input type="checkbox"/> 2019 <input type="checkbox"/> 2020 <input type="checkbox"/> 2021			

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 section 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

2024

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2024 or fiscal plan year beginning **01/01/2024** and ending **12/31/2024**

A This return/report is for: a single-employer plan a multiple-employer plan (not multiemployer) (Pension plan filers checking this box must attach Schedule MEP. Other plans 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 the plan is a collectively-bargained plan, check here

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 Innovative Engineering Solutions, LLC Cash Balance Plan		1b Three-digit plan number (PN) ▶ 002
		1c Effective date of plan 01/01/2022
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) Innovative Engineering Solutions, LLC 26784 Country Acres Dr US Sioux Falls SD 57106		2b Employer Identification Number (EIN) 20-2191873
		2c Sponsor's telephone number (605) 366-9457
		2d Business code (see instructions) 237990
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	4
b Total number of participants at the end of the plan year	5b	4
c(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item)	5c(1)	
c(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	5c(2)	
d(1) Total number of active participants at the beginning of the plan year	5d(1)	4
d(2) Total number of active participants at the end of the plan year	5d(2)	4
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	<i>Jon Giles</i> Signature of plan administrator	Sep 16, 2025 Date	Jonathon Giles Enter name of individual signing as plan administrator
SIGN HERE	<i>Jon Giles</i> Signature of employer/plan sponsor	Sep 16, 2025 Date	Jonathon Giles 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 year _____ (See instructions.)

Part III Financial Information			
7	Plan Assets and Liabilities	(a) Beginning of Year	(b) End of Year
a	Total plan assets	228,792	360,250
b	Total plan liabilities	0	0
c	Net plan assets (subtract line 7b from line 7a)	228,792	360,250
8	Income, Expenses, and Transfers for this Plan Year	(a) Amount	(b) Total
a	Contributions received or receivable from:		
	(1) Employers	115,000	
	(2) Participants	0	
	(3) Others (including rollovers)	0	
b	Other income (loss)	19,706	
c	Total income (add lines 8a(1), 8a(2), 8a(3), and 8b)		134,706
d	Benefits paid (including direct rollovers and insurance premiums to provide benefits)	0	
e	Certain deemed and/or corrective distributions (see instructions) ...	0	
f	Administrative service providers (salaries, fees, commissions)	3,248	
g	Other expenses	0	
h	Total expenses (add lines 8d, 8e, 8f, and 8g)		3,248
i	Net income (loss) (subtract line 8h from line 8c)		131,458
j	Transfers to (from) the plan (see instructions)	0	

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: 1C 3D
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? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program)		X	
b	Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 10a.)		X	
c	Was the plan covered by a fidelity bond?	X		60,000
d	Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		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.)		X	
f	Has the plan failed to provide any benefit when due under the plan?		X	
g	Did the plan have any participant loans? (If "Yes," enter amount as of year end.)		X	
h	If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		X	
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			

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? (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 the 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)

Part VIII IRS Compliance Questions

14a Does the plan satisfy the coverage and nondiscrimination tests of Code sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules? Yes No

14b If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2).
 Design-based safe harbor method
 "Prior year" ADP test
 "Current year" ADP test
 N/A

15 If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter 02/28/2023 (MM/DD/YYYY) and the Opinion Letter serial number Q705199a.

Schedule SB, line 19 -
Discounted Employer Contributions
Innovative Engineering Solutions, LLC Cash Balance Plan
20-2191873 / 002
For the plan year 01/01/2024 through 12/31/2024
Valuation Date: 12/31/2024

	Date	Amount	Adjusted Contribution	Adjusted Prior Year Contribution	Adjusted Quarterly	Effective Rate	Penalty Rate
Deposited Contribution	06/26/2025	\$115,000					
Applied to Additional Contribution	12/31/2024	21,516	20,986	0	0	5.28	0.00
Applied to MRC	12/31/2024	93,484	91,180	0	0	5.28	0.00
Totals for Deposited Contribution		\$115,000	\$112,166	\$0	\$0		

Schedule SB, line 22 -
Description of Weighted Average Retirement Age

Innovative Engineering Solutions, LLC Cash Balance Plan

20-2191873 / 002

For the plan year 01/01/2024 through 12/31/2024

The age reported is the weighted average of the assumed retirement ages for all active participants as of the valuation date based on their funding target or target normal cost should the funding target of the plan be zero rounded to the nearest whole age. For an active late retiree, the assumed retirement age may be later than the Plan's normal retirement age. Each participant's rate of retirement is assumed to be 100% of his/her assumed retirement age.

**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

2024

This Form is Open to Public Inspection

For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

▶ **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>Innovative Engineering Solutions, LLC Cash Balance Plan</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>Innovative Engineering Solutions, LLC</u>		D Employer Identification Number (EIN) <u>20-2191873</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 12 Day 31 Year 2024

2 Assets:

a Market value	2a	<u>245,250</u>
b Actuarial value	2b	<u>245,250</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>0</u>	<u>0</u>	<u>0</u>
b For terminated vested participants	<u>0</u>	<u>0</u>	<u>0</u>
c For active participants	<u>4</u>	<u>228,655</u>	<u>228,655</u>
d Total	<u>4</u>	<u>228,655</u>	<u>228,655</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** 5.28 %

6 Target normal cost

a Present value of current plan year accruals	6a	<u>107,775</u>
b Expected plan-related expenses	6b	<u>0</u>
c Target normal cost	6c	<u>107,775</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		09/09/2025
	Signature of actuary <u>Jerrold Filipski, FSA, EA</u>	Date <u>23-03076</u>
	Type or print name of actuary <u>FuturePlan by Ascensus</u>	Most recent enrollment number <u>(215) 648-8000</u>
	Firm name <u>P.O. Box 426</u>	Telephone number (including area code)
	<u>US Fort Washington PA 19034</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

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>10.11</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)		1,663
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>5.00</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		1,663
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	107.25 %
15	Adjusted funding target attainment percentage	15	106.23 %
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	136.05 %
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		
06/26/2025	115,000						
			Totals ▶	18(b)	115,000	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	112,166
20 Quarterly contributions and liquidity shortfalls:			
a	Did the plan have a "funding shortfall" for the prior year?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
b	If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner?	<input 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

Part V Assumptions Used To Determine Funding Target and Target Normal Cost

21 Discount rate:				
a Segment rates:	1st segment: 5.03 %	2nd segment: 5.28 %	3rd segment: 5.59 %	<input type="checkbox"/> N/A, full yield curve used
b Applicable month (enter code)				21b 1
22 Weighted average retirement age				22 65
23 Mortality table(s) (see instructions)	<input checked="" type="checkbox"/> Prescribed - combined <input 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 type="checkbox"/> Yes <input checked="" 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	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	107,775	
b Excess assets, if applicable, but not greater than line 31a	31b	16,595	
32 Amortization installments:	Outstanding Balance		Installment
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	91,180	
		Carryover balance	Prefunding Balance
35 Balances elected for use to offset funding requirement		0	0
36 Additional cash requirement (line 34 minus line 35)	36	91,180	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	112,166	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	20,986	
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.	<input type="checkbox"/> 2019 <input type="checkbox"/> 2020 <input type="checkbox"/> 2021
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Schedule SB, Part V

Statement of Actuarial Assumptions/Methods

Innovative Engineering Solutions, LLC Cash Balance Plan 20-2191873 / 002

For the plan year 01/01/2024 through 12/31/2024

Valuation Date: 12/31/2024

Funding Method: As prescribed in IRC Section 430
Age - Eligibility age at last birthday and other ages at nearest birthday

Retrospective Compensation - Current compensation

Form of Payment - Assumed form of payment for funding is lump sum which is the Hypothetical Account Balance. Funding Target for lump sum is the current Hypothetical Account Balance projected to the assumed retirement date using the Interest Credit Rate discounted using appropriate segment rate. Lump sum on plan actuarial equivalence rates will not exceed 415 maximum allowable distribution, which is the lesser amount computed using a) 5.5% interest and the Applicable Mortality Table or b) plan actuarial equivalence interest and mortality

	Segment rates for the First Month Prior to Val Date as permitted under IRC 430(h)(2)(C)	Segment rates as of September 30, 2023 As permitted under IRC 430(h)(2)(C)(iv)(II) - ARP
	Segment # Year Rate %	Segment # Year Rate %
Interest Rates -	Segment 1 0 - 5 5.03	Segment 1 0 - 5 5.03
	Segment 2 6 - 20 5.28	Segment 2 6 - 20 5.28
	Segment 3 > 20 5.36	Segment 3 > 20 5.59

- Pre-Retirement - Mortality Table - None
- Improvement Scale - None
- Early Retirement Table - None
- Turnover Table - None
- Disability Table - None
- Salary Scale - None
- Interest Credit Rate - Current Yr - 4% Projected Yrs - 4%
- Expense Load - None
- Ancillary Ben Load - None

- Post-Retirement - Mortality Table - 24A - 2012 base table for Annuitant
- Improvement Scale - N21 - 2024 Adjusted Scale MP-2021 Rates Generational
- Cost of Living - None

Asset Valuation Method: Fair market value of assets adjusted for contributions under IRC 430(g)(4)

Discrimination Test Assumptions:

- HCE Determination - Based on all employees
- Otherwise Excludable - Otherwise Excludable HCEs are included with the Not Otherwise Excludable employees

410(b)/401(a)(4) Testing:

- Pre-Retirement - Interest - 8.5% CB Projection Rate - 4%
- Post-Retirement - Interest - 8.5%
- Mortality Table - U84 - 1984 Unisex

Permissively Aggregated Plans - Tested as a Single Plan

Compensation - Use average compensation to calculate the benefit accrual rate (annual method)

Testing Age - Normal retirement age or attained age, if older

Normal Form for MVAR - Joint with 50% Survivor Benefits

Schedule SB, Part V
Statement of Actuarial Assumptions/Methods

Innovative Engineering Solutions, LLC Cash Balance Plan
20-2191873 / 002

For the plan year 01/01/2024 through 12/31/2024

401(a)(26) Testing:

Compensation - Use current compensation to calculate the benefit accrual rate for 401(a)(26)

Testing Age - Normal retirement age or attained age, if older

Schedule SB, Part V Summary of Plan Provisions

Innovative Engineering Solutions, LLC Cash Balance Plan 20-2191873 / 002

For the plan year 01/01/2024 through 12/31/2024

<u>Employer:</u>	Innovative Engineering Solutions, LLC		
	Type of Entity -	Limited Liability Company (LLC) taxed as S Corp	
	EIN: 20-2191873	TIN: 88-1372779	Plan #: 002 Plan Type: Cash Balance
<u>Dates:</u>	Effective -	01/01/2022	Valuation - 12/31/2024
	Top Heavy Years -	2023, 2024	
<u>Eligibility:</u>	All employees excluding non-resident aliens, members of an excluded class and union		
	Minimum age -	21	Months of service - 12
	Hours Required for -	Eligibility - 1000	Benefit accrual - 1000 Vesting - 1000
	Plan Entry -	First day of 1st or 7th month of plan year on or next following eligibility satisfaction	
<u>Retirement:</u>	Normal -	First of month coincident with or next following attainment of age 65 and completion of the 5th anniversary of the 1st day of the initial plan year of participation	
	Early -	Not provided	
<u>Average Compensation:</u>	Current compensation		
	Top Heavy Minimum Benefit -	Highest 5 consecutive top heavy years of participation	
<u>Plan Benefits:</u>	Retirement -	Actuarial equivalent of the hypothetical account balance derived from annual Pay Credits and Interest Credits	
	Pay Credits -	Classification	Pay Credit Formula
		A	\$100,000
		B	\$21,500
		C	\$6,450
	Interest Credit Rate -	Current Yr - 4%	Projected Yrs - 4%
	Accrued Benefit -	Hypothetical Account Balance	
		Minimum Benefit - None	
		Maximum Benefit - None	
		Maximum allowable distribution is lump sum equivalent of normal form not to exceed 415 maximum allowable distribution, which is the lesser amount computed using a) 5.5% interest and the Applicable Mortality Table or b) plan actuarial equivalence interest and mortality	
	Early Retirement -	None	
	Death Benefit -	Present Value of Accrued Benefit	
	Disability Benefit -	None	
<u>Top Heavy Minimum:</u>	Provided in another plan		
<u>IRS Limitations:</u>	415 Limits -	Percent: 100	Dollar: \$275,000
	Maximum 401(a)(17) compensation -	\$345,000	
<u>Normal Form:</u>	Life Annuity		
<u>Optional Forms:</u>	Lump Sum Joint with 50% or 75% Survivor Benefit		
<u>Vesting Schedule:</u>	100% vested in 3 years. Service is calculated using all years of service except years prior to plan effective date and age 18		
<u>Present Value of Accrued Benefit:</u>	Based on the Hypothetical Account Balance.		

Schedule SB, Part V

Summary of Plan Provisions

Innovative Engineering Solutions, LLC Cash Balance Plan
20-2191873 / 002

For the plan year 01/01/2024 through 12/31/2024

Actuarial Equivalence:

Pre-Retirement - Interest -	4%
Mortality Table -	None
Post-Retirement - Interest -	4%
Mortality Table -	G94 - 1994 Group Annuity Reserving Proj 2002, Scale AA (unisex)