

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 <div style="border: 1px solid black; padding: 5px; text-align: center; font-weight: bold;">2017</div> This Form is Open to Public Inspection
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Part I Annual Report Identification Information			
For calendar plan year 2017 or fiscal plan year beginning <u>01/01/2017</u> and ending <u>12/31/2017</u>			
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.)	
	☐ a one-participant plan	☐ a foreign plan	
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)		

Part II Basic Plan Information —enter all requested information			
1a Name of plan <u>CRYSTAL FUSION TECHNOLOGIES, INC. CASH BALANCE PLAN</u>	1b Three-digit plan number (PN) ►	<u>002</u>	
	1c Effective date of plan	<u>01/01/2014</u>	
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) <u>CRYSTAL FUSION TECHNOLOGIES, INC.</u> <u>185 WEST MONTAUK HWY,</u> <u>LINDENHURST, NY 11757</u>	2b Employer Identification Number (EIN)	<u>26-1282006</u>	
	2c Sponsor's telephone number	<u>631-253-9800</u>	
	2d Business code (see instructions)	<u>811120</u>	
3a Plan administrator's name and address ☒ Same as Plan Sponsor.	3b Administrator's EIN		
	3c Administrator's telephone number		
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report. a Sponsor's name c Plan Name	4b EIN		
	4d PN		
5a Total number of participants at the beginning of the plan year	5a	<u>6</u>	
b Total number of participants at the end of the plan year	5b	<u>6</u>	
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)	<u>5</u>	
d(2) Total number of active participants at the end of the plan year	5d(2)	<u>5</u>	
e Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	5e	<u>0</u>	

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

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including, 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.	<u>10/01/2018</u>	<u>RAYMOND DORAN</u>
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor

- 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 4074173. (See instructions.)

Part III Financial Information

7 Plan Assets and Liabilities		(a) Beginning of Year	(b) End of Year
a Total plan assets	7a	464943	513926
b Total plan liabilities	7b	0	0
c Net plan assets (subtract line 7b from line 7a)	7c	464943	513926
8 Income, Expenses, and Transfers for this Plan Year		(a) Amount	(b) Total
a Contributions received or receivable from:			
(1) Employers	8a(1)	3500	
(2) Participants	8a(2)	0	
(3) Others (including rollovers)	8a(3)	0	
b Other income (loss)	8b	47822	
c Total income (add lines 8a(1), 8a(2), 8a(3), and 8b)	8c		51322
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	2339	
g Other expenses	8g	0	
h Total expenses (add lines 8d, 8e, 8f, and 8g)	8h		2339
i Net income (loss) (subtract line 8h from line 8c)	8i		48983
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? (See instructions and DOL's Voluntary Fiduciary Correction Program)	10a		☒	
b Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 10a.)	10b		☒	
c Was the plan covered by a fidelity bond?	10c		☒	
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		☒	
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		☒	
f Has the plan failed to provide any benefit when due under the plan?	10f		☒	
g Did the plan have any participant loans? (If "Yes," enter amount as of year-end.)	10g		☒	
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 line 11a below) ☒ Yes ☐ No

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

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.)

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) 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 2017 This Form is Open to Public Inspection
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For calendar plan year 2017 or fiscal plan year beginning 01/01/2017 and ending 12/31/2017

▶ **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>CRYSTAL FUSION TECHNOLOGIES, INC. 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>CRYSTAL FUSION TECHNOLOGIES, INC.</u>	D Employer Identification Number (EIN) <u>26-1282006</u>

E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☒ 100 or fewer ☐ 101-500 ☐ More than 500
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Part I Basic Information

1 Enter the valuation date: Month <u>12</u> Day <u>31</u> Year <u>2017</u>			
2 Assets:			
a Market value	2a	<u>513926</u>	
b Actuarial value	2b	<u>513926</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>1</u>	<u>3676</u>	<u>3676</u>
c For active participants	<u>5</u>	<u>526759</u>	<u>526759</u>
d Total	<u>6</u>	<u>530435</u>	<u>530435</u>
4 If the plan is in at-risk status, check the box and complete lines (a) and (b)..... ☐			
a Funding target disregarding prescribed at-risk assumptions	4a		
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b		
5 Effective interest rate	5	<u>5.72 %</u>	
6 Target normal cost	6	<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>G. NEFF MCGHIE, III, MSPA</u>	Date <u>09/26/2018</u>	
Type or print name of actuary <u>FIRST ALLIED RETIREMENT SERVICES</u>	Most recent enrollment number <u>17-05660</u>	
Firm name <u>2125 OAK GROVE RD, SUITE 310</u> <u>WALNUT CREEK, CA 94598</u>	Telephone number (including area code) <u>888-926-0600</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>12.21</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)		3074
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>6.26</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		3074
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	96.88%
15 Adjusted funding target attainment percentage	15	97.52%
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	107.18%
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
08/31/2018	3500	0			
Totals ▶			18(b)	3500	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	3373

20 Quarterly contributions and liquidity shortfalls:

- a** Did the plan have a "funding shortfall" for the prior year? ☐ Yes ☒ No
- b** If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☐ Yes ☐ No
- c** If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th

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

21 Discount rate:				
a Segment rates:	1st segment: 4.16 %	2nd segment: 5.72 %	3rd segment: 6.48 %	☐ N/A, full yield curve used
b Applicable month (enter code)				21b 1
22 Weighted average retirement age.....				22 64
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 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.....	☒ Yes ☐ No
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment	27

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	28	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	29	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	30	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6)	31a	0	
b Excess assets, if applicable, but not greater than line 31a	31b	0	
32 Amortization installments:	Outstanding Balance	Installment	
a Net shortfall amortization installment.....	16509	2711	
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 <u>09</u> Day <u>26</u> Year <u>2018</u>) and the waived amount	33	0	
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33).....	34	2711	
	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	2711	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	3373	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	662	
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 Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:			
a Schedule elected	☐ 2 plus 7 years	☐ 15 years	
b Eligible plan year(s) for which the election in line 41a was made	☐ 2008	☐ 2009	☐ 2010 ☐ 2011
42 Amount of acceleration adjustment	42		
43 Excess installment acceleration amount to be carried over to future plan years	43		

Crystal Fusion Technologies, Inc. Cash Balance Plan

Shortfall Amortization

Plan Year: 1/1/2017 to 12/31/2017

Valuation Date: 12/31/2017

If the plan has a funded status below 100%, the plan may require additional payments in the form of shortfall amortization payments. A plan's amortization payments are calculated to pay down the plan's underfunding over a seven year period (unless a plan sponsor has elected to use allowable relief, in which case the payment period will be longer).

<u>Valuation Date</u>	<u>Amortization Method</u>	<u>Number of Future Installments</u>	<u>Installment</u>	<u>Value of Future Installments</u>
12/31/2017	7-year	7	<u>\$2,711</u>	<u>\$16,509</u>
Total			\$2,711	\$16,509

Crystal Fusion Technologies, Inc. Cash Balance Plan

Summary of Actuarial Assumptions and Method

Plan Year: 1/1/2017 to 12/31/2017

Valuation Date: 12/31/2017

	For Funding					
		<u>Min</u>	<u>Max</u>	<u>For 417(e)</u>	<u>For Actuarial Equiv.</u>	
Interest Rates	Seg 1:	4.16%	1.77%	Seg 1:	1.79%	Pre-Retirement: 5.00%
	Seg 2:	5.72%	3.73%	Seg 2:	3.80%	Post-Retirement: 5.00%
	Seg 3:	6.48%	4.60%	Seg 3:	4.71%	
Applicable Date	11/2017	11/2017		11/2016		
Pre-Retirement						
Turnover	None			None	None	
Mortality	None			None	None	
Assumed Ret Age	Normal retirement age 62 and 5 years of participation			Normal retirement age 62 and 5 years of participation	Normal retirement age 62 and 5 years of participation	
Post-Retirement						
Mortality	Male-modified RP2000 combined healthy male projected 32 & 24 years Female-modified RP2000 combined healthy female projected 32 & 24 years			2017 Applicable Mortality Table from Notice 2016-50	GAR 94 without loads projected to 2002 with scale AA 50%M/50%F	
Assumed Benefit Form For Funding				Lump Sum		
Pct Assumed Married	0% assumed married				0% assumed married	
Assumed Spouse's Age	Spouse assumed to be the same age as participant				Spouse assumed to be the same age as participant	
	Participant is assumed to be married to current spouse at retirement if spouse's date of birth is known				Participant is assumed to be married to current spouse at retirement if spouse's date of birth is known	
Calculated Effective Interest Rate				5.72%		
Cash Balance Projected Interest Crediting Rate				5.00% annual rate		
Actuarial Cost Method				The Unit Credit funding method was used as prescribed by the Pension Protection Act. This method sets the funding target equal to the present value of accrued benefits, and sets the normal cost equal to the present value of the benefit accrued in the current year.		

An actuarial value of assets is used for funding purposes. This year the actuarial value of assets is 100.0% of the market value of assets.

Crystal Fusion Technologies, Inc. Cash Balance Plan

Summary of Plan Provisions
Plan Year: 1/1/2017 to 12/31/2017
Valuation Date: 12/31/2017

Plan Effective Date	January 1, 2014
Plan Year	From January 1, 2017 to December 31, 2017
Eligibility	<p>All employees not excluded by class are eligible to enter on the January 1 or July 1 coincident with or following the completion of the following requirements:</p> <p>1 year of service Minimum age 21</p> <p>Collectively Bargained, Non-resident aliens, Leased Employees and Appendix D</p>
Normal Retirement Age	<p>All participants are eligible to retire with their full retirement benefit on the later of the following:</p> <p>Attainment of age 62 Completion of 5 years of participation from beginning of entry year</p>
Cash Balance Contribution Credit	<p>The plan provides the following cash balance contribution credits to participants based on their group classification:</p> <p>The maximum monthly benefit is the lesser of \$17,916.66 and 100% of the highest 3-year average salary, subject to service requirements.</p> <p>Salary based contribution credits are applied to current compensation.</p>
Normal Form of Benefit	A benefit payable for the life of the participant
Accrued Benefit	<p>The normal retirement benefit described above calculated based on salary and/or service on the calculation date, and payable on the normal retirement date.</p> <p>Credited years are plan years from the first day of the plan year containing date of entry excluding the following:</p> <p>Years before the effective date Years with less than 1 hour of service</p>
Termination Benefit	Upon termination for any reason other than death, disability or retirement a participant shall be entitled to a portion of the actuarial equivalent of his accrued benefit in accordance with the following vesting schedule:

<u>Credited Years</u>	<u>Vested Percent</u>
1	0
2	0
3	100

Credited years are plan years from date of hire excluding the

Crystal Fusion Technologies, Inc. Cash Balance Plan

Summary of Plan Provisions

Plan Year: 1/1/2017 to 12/31/2017

Valuation Date: 12/31/2017

following:

Years with less than 1,000 hours

Top-Heavy Status

A plan is top-heavy if over 60% of the value of all accrued benefits in all of the employer's plans are for the benefit of key employees. A key employee is generally an officer or owner of the company. This plan is currently not top-heavy.

Death Benefit

Actuarial Equivalent of the accrued benefit earned to date of death

Disability

Equal to present value of the accrued benefit

Cash Balance

The annual Interest Crediting Rate for this plan year is 5.00%

Crystal Fusion Technologies, Inc. Cash Balance Plan

Schedule of Active Participant Data

Plan Year: 1/1/2017 to 12/31/2017

Valuation Date: 12/31/2017

Svc/ Age	<1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+	Total
<25	0	0	0	0	0	0	0	0	0	0	0
25-29	0	0	0	0	0	0	0	0	0	0	0
30-34	0	0	0	0	0	0	0	0	0	0	0
35-39	0	1	0	0	0	0	0	0	0	0	1
40-44	0	1	0	0	0	0	0	0	0	0	1
45-49	0	1	0	0	0	0	0	0	0	0	1
50-54	0	1	0	0	0	0	0	0	0	0	1
55-59	0	0	0	0	0	0	0	0	0	0	0
60-64	0	0	0	0	0	0	0	0	0	0	0
65-69	0	0	0	0	0	0	0	0	0	0	0
70+	0	1	0	0	0	0	0	0	0	0	1
Total	0	5	0	0	0	0	0	0	0	0	5

* Employees who have not met the minimum eligibility requirements are excluded

Average Age: 49.0

Average Service: 4

Crystal Fusion Technologies, Inc. Cash Balance Plan

Weighted Average Retirement Age

Plan Year: 1/1/2017 to 12/31/2017

Valuation Date: 12/31/2017

Assumed Retirement Age - 100% of the participants are assumed to retire at the date the plan's normal retirement age is attained, which is defined as:

The later of:

Attainment of age 62

Completion of 5 years of participation from beginning of entry year

Participants who have passed their Normal Retirement Date as defined above are assumed to retire on the valuation date.

Weighted average retirement age 64

Form 5500-SFDepartment of the Treasury
Internal Revenue ServiceDepartment of Labor
Employee Benefits Security Administration
Pension Benefit Guaranty Corporation**Short Form Annual Return/Report of Small Employee
Benefit Plan**

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▶ **Complete all entries in accordance with the instructions to the Form 5500-SF.**OMB Nos. 1210-0110
1210-0089**2017****This Form is Open to
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- ☒ Form 5558 ☐ automatic extension ☐ DFVC program
- ☐ special extension (enter description)

Part II Basic Plan Information—enter all requested information

1a Name of plan Crystal Fusion Technologies, Inc. Cash Balance Plan	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) Crystal Fusion Technologies, Inc. 185 West Montauk Hwy, Lindenhurst, NY 11757	1c Effective date of plan 01/01/2014 2b Employer Identification Number (EIN) 26-1282006 2c Sponsor's telephone number (631) 253-9800 2d Business code (see instructions) 811120												
3a Plan administrator's name and address ☒ Same as Plan Sponsor.	3b Administrator's EIN 3c Administrator's telephone number												
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report. a Sponsor's name c Plan Name	4b EIN 4d PN												
5a Total number of participants at the beginning of the plan year b Total number of participants at the end of the plan year c 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 d(2) Total number of active participants at the end of the plan year e Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	<table border="1"> <tr> <td>5a</td> <td>6</td> </tr> <tr> <td>5b</td> <td>6</td> </tr> <tr> <td>5c</td> <td></td> </tr> <tr> <td>5d(1)</td> <td>5</td> </tr> <tr> <td>5d(2)</td> <td>5</td> </tr> <tr> <td>5e</td> <td>0</td> </tr> </table>	5a	6	5b	6	5c		5d(1)	5	5d(2)	5	5e	0
5a	6												
5b	6												
5c													
5d(1)	5												
5d(2)	5												
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

DocuSigned by:

Mr. Raymond Doran

B70F5EAA49FD424...

SIGN HERE	10/1/2018 Raymond Doran	Date	Enter name of individual signing as plan administrator
SIGN HERE	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor

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

Form 5500-SF (2017)
v.170203

- 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 4074173. (See instructions.)

Part III Financial Information

7 Plan Assets and Liabilities		(a) Beginning of Year	(b) End of Year
a Total plan assets	7a	464943	513926
b Total plan liabilities	7b	0	0
c Net plan assets (subtract line 7b from line 7a)	7c	464943	513926
8 Income, Expenses, and Transfers for this Plan Year		(a) Amount	(b) Total
a Contributions received or receivable from:			
(1) Employers	8a(1)	3500	
(2) Participants	8a(2)	0	
(3) Others (including rollovers)	8a(3)	0	
b Other income (loss)	8b	47822	
c Total income (add lines 8a(1), 8a(2), 8a(3), and 8b)	8c		51322
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	2339	
g Other expenses	8g	0	
h Total expenses (add lines 8d, 8e, 8f, and 8g)	8h		2339
i Net income (loss) (subtract line 8h from line 8c)	8i		48983
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? (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	
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 line 11a below) ☒ Yes ☐ No

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

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.)

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) 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 2017 This Form is Open to Public Inspection
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For calendar plan year 2017 or fiscal plan year beginning 01/01/2017 and ending 12/31/2017

▶ **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.

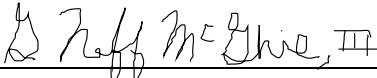
A Name of plan Crystal Fusion Technologies, Inc. Cash Balance Plan	B Three-digit plan number (PN) ▶ 002
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF Crystal Fusion Technologies, Inc.	D Employer Identification Number (EIN) 26-1282006

E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B **F** Prior year plan size: ☒ 100 or fewer ☐ 101-500 ☐ More than 500

Part I Basic Information

1 Enter the valuation date: Month <u>12</u> Day <u>31</u> Year <u>2017</u>			
2 Assets:			
a Market value	2a	513926	
b Actuarial value	2b	513926	
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	0	0	0
b For terminated vested participants	1	3676	3676
c For active participants	5	526759	526759
d Total	6	530435	530435
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	5.72 %	
6 Target normal cost	6	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		09/26/2018
	Signature of actuary	Date
	G. Neff McGhie, III, MSPA	17-05660
	Type or print name of actuary	Most recent enrollment number
	First Allied Retirement Services	(888) 926-0600
	Firm name	Telephone number (including area code)
	2125 Oak Grove Rd. Suite 310	
	Walnut Creek, CA 94598	
	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>12.21</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)		3074
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>6.26</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		3074
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	96.88 %
15 Adjusted funding target attainment percentage	15	97.52 %
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	107.18 %
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
08-31-2018	3500	0			
Totals ▶			18(b)	3500	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	3373

20 Quarterly contributions and liquidity shortfalls:

- a** Did the plan have a "funding shortfall" for the prior year? ☐ Yes ☒ No
- b** If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☐ Yes ☐ No
- c** If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th

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

21 Discount rate:				
a Segment rates:	1st segment: 4.16 %	2nd segment: 5.72 %	3rd segment: 6.48 %	☐ N/A, full yield curve used
b Applicable month (enter code).....				21b 1
22 Weighted average retirement age.....				22 64
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 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.....	☒ Yes ☐ No
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment.....	27

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	28	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a).....	29	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	30	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6)	31a	0	
b Excess assets, if applicable, but not greater than line 31a	31b	0	
32 Amortization installments:	Outstanding Balance		Installment
a Net shortfall amortization installment.....	16509		2711
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 <u>09</u> Day <u>26</u> Year <u>2018</u>) and the waived amount	33	0	
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)....	34	2711	
	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	2711	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	3373	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	662	
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 Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:			
a Schedule elected	☐ 2 plus 7 years ☐ 15 years		
b Eligible plan year(s) for which the election in line 41a was made	☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011		
42 Amount of acceleration adjustment	42		
43 Excess installment acceleration amount to be carried over to future plan years	43		

Crystal Fusion Technologies, Inc. Cash Balance Plan
Employer ID# 26-1282006: Plan No. 002

Schedule SB (Form 5500)
Part IV: Contributions and Liquidity Shortfalls

Plan Year: 1/1/2017 to 12/31/2017
Valuation Date: 12/31/2017

18 Contributions made to the plan for the plan year by employer(s):

(a) Date (MM-DD-YYYY)	(b) Amount paid by <u>employer(s)</u>
08-31-2018	3,500.00
Totals:	3,500.00

Crystal Fusion Technologies, Inc. Cash Balance Plan
Employer ID# 26-1282006: Plan No. 002

Quarterly Installment Payment: \$0.00

Schedule SB, line 19 - Discounted Employer Contributions

Plan Year: 1/1/2017 to 12/31/2017

Valuation Date: 12/31/2017

<u>Date</u>	<u>Amount</u>	<u>Year</u>	<u>Rate</u>	<u>Period</u>	<u>Adj Cth</u>
08-31-2018	3,500.00	2017	5.73%	08-31-2018 to 12-31-2017	3,372.38
Totals:	3,500.00				3,372.38

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 contribution from prior years	19a	0.00
b	Contributions made to avoid benefit restrictions adjusted to valuation date	19b	0.00
c	Contributions allocated toward minimum required contribution for current year, adjusted to valuation date	19c	3,372.38