

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 2017 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
	☐ special extension (enter description)	☐ DFVC program

Part II Basic Plan Information —enter all requested information		
1a Name of plan <u>LIBERTY STEEL INDUSTRIES, INC. DEFINED BENEFIT PLAN</u>	1b Three-digit plan number (PN) ▶	<u>001</u>
	1c Effective date of plan	<u>04/01/2015</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>LIBERTY STEEL INDUSTRIES</u> <u>2207 LARCHMONT AVENUE NE</u> <u>WARREN, OH 44483</u>	2b Employer Identification Number (EIN) <u>47-2870834</u>	
	2c Sponsor's telephone number <u>330-372-6363</u>	
	2d Business code (see instructions) <u>423500</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>101</u>
b Total number of participants at the end of the plan year	5b	<u>112</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>97</u>
d(2) Total number of active participants at the end of the plan year	5d(2)	<u>106</u>
e Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	5e	<u>1</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.	10/09/2018	PHIL LAPMARDO
	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

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 4069342. (See instructions.)

Part III Financial Information

7 Plan Assets and Liabilities		(a) Beginning of Year	(b) End of Year
a Total plan assets	7a	2716072	2938014
b Total plan liabilities	7b		
c Net plan assets (subtract line 7b from line 7a)	7c	2716072	2938014
8 Income, Expenses, and Transfers for this Plan Year		(a) Amount	(b) Total
a Contributions received or receivable from:			
(1) Employers	8a(1)	156356	
(2) Participants	8a(2)		
(3) Others (including rollovers)	8a(3)		
b Other income (loss)	8b	358237	
c Total income (add lines 8a(1), 8a(2), 8a(3), and 8b)	8c		514593
d Benefits paid (including direct rollovers and insurance premiums to provide benefits)	8d	270338	
e Certain deemed and/or corrective distributions (see instructions)	8e		
f Administrative service providers (salaries, fees, commissions)	8f		
g Other expenses	8g	22313	
h Total expenses (add lines 8d, 8e, 8f, and 8g)	8h		292651
i Net income (loss) (subtract line 8h from line 8c)	8i		221942
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 3F
- 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	☒		500000
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 0
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.)	☐ 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)	13c(2)	13c(3)
Name of plan(s):	EIN(s)	PN(s)

<div>SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</div>	<div>Single-Employer Defined Benefit Plan Actuarial Information</div> <div>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).</div> <div>File as an attachment to Form 5500 or 5500-SF.</div>	<div>OMB No. 1210-0110</div> <div>2017</div> <div>This Form is Open to Public Inspection</div>
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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 LIBERTY STEEL INDUSTRIES, INC. DEFINED BENEFIT PLAN	B Three-digit plan number (PN) 001
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF LIBERTY STEEL INDUSTRIES	D Employer Identification Number (EIN) 47-2870834
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 01 Day 01 Year 2017
2	Assets:
a	Market value 2704727
b	Actuarial value 2733696
3	Funding target/participant count breakdown
a	For retired participants and beneficiaries receiving payment 1 242623 242623
b	For terminated vested participants 3 15144 15144
c	For active participants 97 2392649 2467374
d	Total 101 2650416 2725141
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 5.69%
6	Target normal cost 6 211487

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		10/04/2018
	Signature of actuary	Date
MARTIN E. MOLLOY		17-06227
	Type or print name of actuary	Most recent enrollment number
AON CONSULTING, INC.		614-436-8100
	Firm name	Telephone number (including area code)
445 HUTCHINSON AVENUE, SUITE 900 COLUMBUS, OH 43235		
	Address of the firm	

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	284946
8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	244152
9 Amount remaining (line 7 minus line 8)	0	40794
10 Interest on line 9 using prior year's actual return of <u>8.89</u> %	0	3627
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year)		344303
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>5.90</u> %		5909
b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		21705
c Total available at beginning of current plan year to add to prefunding balance		371917
d Portion of (c) to be added to prefunding balance		371917
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	416338

Part III Funding Percentages

14 Funding target attainment percentage	14	85.03%
15 Adjusted funding target attainment percentage	15	100.31%
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	89.78%
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
04/13/2018	78178	0			
07/12/2018	78178	0			
Totals ▶			18(b)	156356	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	144681

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: 4.16 %	2nd segment: 5.72 %	3rd segment: 6.48 %	☐ N/A, full yield curve used
b Applicable month (enter code)				21b 4
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 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	211487	
b Excess assets, if applicable, but not greater than line 31a	31b	0	
32 Amortization installments:	Outstanding Balance	Installment	
a Net shortfall amortization installment.....	407783	101222	
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	312709	
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement.....	0	259410	259410
36 Additional cash requirement (line 34 minus line 35)	36	53299	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	144681	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	91382	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	91382	
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		

Schedule SB Attachment (Form 5500)—2017 Plan Year
 Liberty Steel Industries, Inc. Defined Benefit Plan
 EIN: 47-2870834 PN: 001

Schedule SB, line 26—Schedule of Active Participant Data as of January 1, 2017

Number of Participants and Average Compensation

Attained Age	Years of Credited Service									
	<1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+
<25		2								
25-29		5	1							
30-34		5	4							
35-39		4	4	1						
40-44		3		1	2					
45-49		1	3	2	2	1	1			
50-54		7	3	2	4	1	1	1		
55-59		4	2	4	2	2	1	5	4	
60-64			1	1	4	1		1	2	
65-69						1				1
70+										

N-97

Schedule SB Attachment (Form 5500)—2017 Plan Year
 Liberty Steel Industries, Inc. Defined Benefit Plan
 EIN: 47-2870834 PN: 001

Schedule SB, Part V—Statement of Actuarial Assumptions/Methods

Interest Rates for Minimum Funding Purposes	Based on segment rates with a four-month lookback (as of September 2016), each adjusted as needed to fall within the 25-year average interest rate stabilization corridor
1st Segment Rate	4.16%
2nd Segment Rate	5.72%
3rd Segment Rate	6.48%
Interest Rates for Maximum Tax Purposes	Based on segment rates with a four-month lookback (as of September 2016), without regard to interest rate stabilization
1st Segment Rate	1.52%
2nd Segment Rate	3.80%
3rd Segment Rate	4.79%
Salary Increases	3.00%
Optional Payment Form Election Percentage	100% of participants elect a lump sum
Optional Payment Form Conversion Interest Rate	Same as funding interest rates above for lump sums
Optional Payment Form Conversion Mortality	Current IRC section 417(e) table for lump sums
Retirement Age	
Active Participants	See Table 1
Terminated Vested Participants	Age 65
Mortality Rates	
Healthy and Disabled	2017 static mortality table for annuitants and non- annuitants per §1.430(h)(3)-1(e)
Withdrawal Rates	See Table 2
Disability Rates	None

Schedule SB Attachment (Form 5500)—2017 Plan Year
 Liberty Steel Industries, Inc. Defined Benefit Plan
 EIN: 47-2870834 PN: 001

Decrement Timing	Beginning of year decrements
Surviving Spouse Benefit	It is assumed that 100% of males and 100% of females have an eligible spouse, and that males are three years older than their spouses.
Valuation Compensation	2016 pensionable earnings as provided by Liberty Steel Industries, Inc.
Benefit and Compensation Limits	Projected benefits and compensation are limited by the current IRC section 415 maximum benefit of \$215,000 and the IRC section 401(a)(17) compensation limit of \$270,000.
Valuation of Plan Assets	<p>Smoothed fair market value of assets over the current and prior year, adjusted for contributions, benefit payments, administrative expenses, and expected earnings. The average value of assets calculated in this manner is further limited to not less than 90% nor more than 110% of fair market value.</p> <p>A characteristic of this method is that the expected distribution of the value of plan assets is skewed toward understatement relative to the corresponding market values for expected long-term rates of return in excess of the third segment rate under IRC section 430(h)(2)(C)(iii).</p>
Expected Return on Assets	
2016 Plan Year	7.00%, limited to 6.65%
2017 Plan Year	5.80%
Trust Expenses Included in Target Normal Cost	The normal cost for funding purposes includes assumed expenses equal to the actual general administrative expenses paid by the trust in the previous year. Examples of general administrative expenses include trustee and actuarial fees.
Actuarial Method	Standard unit credit cost method
Valuation Date	January 1, 2017

Schedule SB Attachment (Form 5500)—2017 Plan Year
 Liberty Steel Industries, Inc. Defined Benefit Plan
 EIN: 47-2870834 PN: 001

Table 1

Retirement Rates

Age	Rate
55	1.00%
56	1.00%
57	1.00%
58	1.00%
59	1.00%
60	2.50%
61	2.50%
62	2.50%
63	2.50%
64	2.50%
65	50.00%
66	66.66%
67+	100.00%

Table 2

Withdrawal Rates

Age	Years of Service			
	0	1	2	3+
25	30.00%	20.00%	10.00%	4.89%
30	30.00%	20.00%	10.00%	3.70%
35	30.00%	20.00%	10.00%	2.34%
40	30.00%	20.00%	10.00%	1.12%
45	30.00%	20.00%	10.00%	0.26%
50	30.00%	20.00%	10.00%	0.00%
55	30.00%	20.00%	10.00%	0.00%

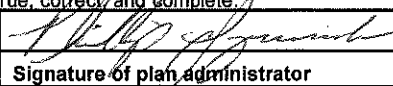
Form 5500-SF Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Short Form Annual Return/Report of Small Employee Benefit Plan This form is required to be filed under sections 104 and 4065 of the Employee 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 2017 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		01/01/2017	and ending 12/31/2017
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		1b Three-digit plan number (PN)	001
Liberty Steel Industries, Inc. Defined Benefit Plan		1c Effective date of plan	04/01/2015
2a Plan sponsor's name (employer, if for a single-employer plan)		2b Employer Identification Number (EIN)	47-2870834
Mailing address (include room, apt., suite no. and street, or P.O. Box)		2c Sponsor's telephone number	330-372-6363
City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions)		2d Business code (see instructions)	423500
Liberty Steel Industries			
2207 Larchmont Avenue NE			
Warren OH 44483			
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.		4b EIN	
a Sponsor's name		4d PN	
c Plan Name			
5a Total number of participants at the beginning of the plan year	5a	101	
b Total number of participants at the end of the plan year	5b	112	
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)	97	
d(2) Total number of active participants at the end of the plan year	5d(2)	106	
e Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	5e	1	

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	 Signature of plan administrator	10-9-18 Date	Phil Lapmardo 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 4069342. (See instructions.)

Part III Financial Information

7 Plan Assets and Liabilities		(a) Beginning of Year	(b) End of Year
a Total plan assets	7a	2,716,072	2,938,014
b Total plan liabilities	7b		
c Net plan assets (subtract line 7b from line 7a)	7c	2,716,072	2,938,014
8 Income, Expenses, and Transfers for this Plan Year		(a) Amount	(b) Total
a Contributions received or receivable from:			
(1) Employers	8a(1)	156,356	
(2) Participants	8a(2)		
(3) Others (including rollovers)	8a(3)		
b Other income (loss)	8b	358,237	
c Total income (add lines 8a(1), 8a(2), 8a(3), and 8b)	8c		514,593
d Benefits paid (including direct rollovers and insurance premiums to provide benefits)	8d	270,338	
e Certain deemed and/or corrective distributions (see instructions) ...	8e		
f Administrative service providers (salaries, fees, commissions)	8f		
g Other expenses	8g	22,313	
h Total expenses (add lines 8d, 8e, 8f, and 8g)	8h		292,651
i Net income (loss) (subtract line 8h from line 8c)	8i		221,942
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 3F
- 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		500,000
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 line 11a below)	☒ Yes ☐ No
11a	Enter the unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40	11a 0
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)	13c(2)	13c(3)
Name of plan(s):	EIN(s)	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> 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 Liberty Steel Industries, Inc. Defined Benefit Plan	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF Liberty Steel Industries, Inc.	D Employer Identification Number (EIN) 47-2870834	
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☒ 101-500 ☐ More than 500	

Part I Basic Information				
1	Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2017</u>			
2	Assets:			
	a Market value.....	2a		2,704,727
	b Actuarial value	2b		2,733,696
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	1	242,623	242,623
	b For terminated vested participants	3	15,144	15,144
	c For active participants	97	2,392,649	2,467,374
	d Total	101	2,650,416	2,725,141
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		5.69%
6	Target normal cost	6		211,487

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	<div style="text-align: center;"> Signature of actuary </div>	<div style="text-align: center;"> <u>10/04/2018</u> Date <u>1706227</u> Most recent enrollment number <u>614-436-8100</u> Telephone number (including area code) </div>
	<div style="text-align: center;"> <u>Martin E. Molloy</u> Type or print name of actuary <u>Aon Consulting, Inc.</u> Firm name <u>445 Hutchinson Avenue, Suite 900</u> <u>Columbus OH 43235</u> Address of the firm </div>	

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

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	284,946
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	244,152
9	Amount remaining (line 7 minus line 8).....	0	40,794
10	Interest on line 9 using prior year's actual return of <u>8.89%</u>	0	3,627
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year).....		344,303
	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>5.90%</u>		5,909
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return.....		21,705
	c Total available at beginning of current plan year to add to prefunding balance.....		371,917
	d Portion of (c) to be added to prefunding balance.....		371,917
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	416,338

Part III	Funding Percentages
-----------------	----------------------------

14	Funding target attainment percentage	14	85.03%
15	Adjusted funding target attainment percentage.....	15	100.31%
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	89.78%
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
04/13/2018	78,178	0			
07/12/2018	78,178	0			
			Totals ►	18(b)	156,356 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	144,681

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: 4.16 %	2nd segment: 5.72 %	3rd segment: 6.48 %
			☐ N/A, full yield curve used
b Applicable month (enter code).....			21b 4
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 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 211,487
b Excess assets, if applicable, but not greater than line 31a			31b 0
32 Amortization installments:	Outstanding Balance		Installment
a Net shortfall amortization installment.....	407,783		101,222
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)....			34 312,709
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement.....	0	259,410	259,410
36 Additional cash requirement (line 34 minus line 35).....			36 53,299
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....			37 144,681
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)			38a 91,382
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances			38b 91,382
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

Schedule SB Attachment (Form 5500)—2017 Plan Year
Liberty Steel Industries, Inc. Defined Benefit Plan
EIN: 47-2870834 PN: 001

Schedule SB, line 19—Discounted Employer Contributions
Year applied for contributions: 2017

Date	Amount	Days to Discount to 1/1/2017 at 5.69%	Interest Adjusted Contribution
April 13, 2018	\$ 78,178	467	\$ 72,834
July 12, 2018	78,178	557	71,847
Total Contribution	\$ 156,356		\$ 144,681

Schedule SB Attachment (Form 5500)—2017 Plan Year
 Liberty Steel Industries, Inc. Defined Benefit Plan
 EIN: 47-2870834 PN: 001

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

The average retirement age shown in line 22 has been calculated by assuming the following retirement rates and no decrements other than retirement for this calculation. All retirements are assumed to occur at beginning of year.

(a) Age	(b) Rate	(c) Weight	(d) Product (a) × (b) × (c)
55	1.00%	1.0000	0.55
56	1.00%	0.9900	0.55
57	1.00%	0.9801	0.56
58	1.00%	0.9703	0.56
59	1.00%	0.9606	0.57
60	2.50%	0.9510	1.43
61	2.50%	0.9272	1.41
62	2.50%	0.9040	1.40
63	2.50%	0.8814	1.39
64	2.50%	0.8594	1.38
65	50.00%	0.8379	27.23
66	66.66%	0.4190	18.43
67	100.00%	0.1397	9.36
Weighted Average			64.82

Schedule SB Attachment (Form 5500)—2017 Plan Year
 Liberty Steel Industries, Inc. Defined Benefit Plan
 EIN: 47-2870834 PN: 001

Schedule SB, Part V—Statement of Actuarial Assumptions/Methods

Interest Rates for Minimum Funding Purposes	Based on segment rates with a four-month lookback (as of September 2016), each adjusted as needed to fall within the 25-year average interest rate stabilization corridor
1st Segment Rate	4.16%
2nd Segment Rate	5.72%
3rd Segment Rate	6.48%
Interest Rates for Maximum Tax Purposes	Based on segment rates with a four-month lookback (as of September 2016), without regard to interest rate stabilization
1st Segment Rate	1.52%
2nd Segment Rate	3.80%
3rd Segment Rate	4.79%
Salary Increases	3.00%
Optional Payment Form Election Percentage	100% of participants elect a lump sum
Optional Payment Form Conversion Interest Rate	Same as funding interest rates above for lump sums
Optional Payment Form Conversion Mortality	Current IRC section 417(e) table for lump sums
Retirement Age	
Active Participants	See Table 1
Terminated Vested Participants	Age 65
Mortality Rates	
Healthy and Disabled	2017 static mortality table for annuitants and non-annuitants per §1.430(h)(3)-1(e)
Withdrawal Rates	See Table 2
Disability Rates	None

Schedule SB Attachment (Form 5500)—2017 Plan Year
 Liberty Steel Industries, Inc. Defined Benefit Plan
 EIN: 47-2870834 PN: 001

Decrement Timing	Beginning of year decrements
Surviving Spouse Benefit	It is assumed that 100% of males and 100% of females have an eligible spouse, and that males are three years older than their spouses.
Valuation Compensation	2016 pensionable earnings as provided by Liberty Steel Industries, Inc.
Benefit and Compensation Limits	Projected benefits and compensation are limited by the current IRC section 415 maximum benefit of \$215,000 and the IRC section 401(a)(17) compensation limit of \$270,000.
Valuation of Plan Assets	<p>Smoothed fair market value of assets over the current and prior year, adjusted for contributions, benefit payments, administrative expenses, and expected earnings. The average value of assets calculated in this manner is further limited to not less than 90% nor more than 110% of fair market value.</p> <p>A characteristic of this method is that the expected distribution of the value of plan assets is skewed toward understatement relative to the corresponding market values for expected long-term rates of return in excess of the third segment rate under IRC section 430(h)(2)(C)(iii).</p>
Expected Return on Assets	
2016 Plan Year	7.00%, limited to 6.65%
2017 Plan Year	5.80%
Trust Expenses Included in Target Normal Cost	The normal cost for funding purposes includes assumed expenses equal to the actual general administrative expenses paid by the trust in the previous year. Examples of general administrative expenses include trustee and actuarial fees.
Actuarial Method	Standard unit credit cost method
Valuation Date	January 1, 2017

Schedule SB Attachment (Form 5500)—2017 Plan Year
 Liberty Steel Industries, Inc. Defined Benefit Plan
 EIN: 47-2870834 PN: 001

Table 1

Retirement Rates

Age	Rate
55	1.00%
56	1.00%
57	1.00%
58	1.00%
59	1.00%
60	2.50%
61	2.50%
62	2.50%
63	2.50%
64	2.50%
65	50.00%
66	66.66%
67+	100.00%

Table 2

Withdrawal Rates

Age	Years of Service			
	0	1	2	3+
25	30.00%	20.00%	10.00%	4.89%
30	30.00%	20.00%	10.00%	3.70%
35	30.00%	20.00%	10.00%	2.34%
40	30.00%	20.00%	10.00%	1.12%
45	30.00%	20.00%	10.00%	0.26%
50	30.00%	20.00%	10.00%	0.00%
55	30.00%	20.00%	10.00%	0.00%

Schedule SB Attachment (Form 5500)—2017 Plan Year
Liberty Steel Industries, Inc. Defined Benefit Plan
EIN: 47-2870834 PN: 001

Schedule SB, Part V—Summary of Plan Provisions

The following summary describes principal plan provisions assumed in calculating the cost of your pension plan.

General Information

Original Effective Date:	April 1, 2015
Effective Date of Last Amendment:	N/A
Plan Year:	January 1st to December 31st
Employer Fiscal Year	January 1st to December 31st
Employer ID Number:	47-2870834
Plan Administrator's ID Number:	47-2870834
Plan Number:	001
Plan Administrator:	Liberty Steel Industries, Inc.

Prior Plan

Service and compensation earned prior to April 1, 2015 under the Liberty Steel Products, Inc. Defined Benefit Plan are recognized when determining eligibility and benefits under this plan.

Eligibility

All employees of the Employer are eligible to participate in the Plan as of the January 1 or July 1 next following the completion of one qualifying year of service and attainment of age 21. Those employed prior to January 1, 2002 had prior eligibility requirements.

Service

Service shall equal total years of service with the Employer. A year of service is credited for each plan year in which an employee works 1,000.

A break in service occurs at the start of any plan year in which the employee works 500 Hours or less for the Employer in such year. Service will not be interrupted by:

- (1) A leave of absence granted by the Employer.
- (2) A period of service in the Armed Forces of the United States under which employment rights are granted.
- (3) Transfer of employment from one participating Employer to another.
- (4) Maternity/paternity leave.

Schedule SB Attachment (Form 5500)—2017 Plan Year
Liberty Steel Industries, Inc. Defined Benefit Plan
EIN: 47-2870834 PN: 001

An employee will be given credit for his pre-break service if either of the following occurs:

- (1) The employee had a vested interest in his accrued benefit at the time of his break in service, or
- (2) The employee's period of absence was less than the greater of his pre-break service or 5 years.

Normal Retirement Date

Normal Retirement Date is the later of the first day of the month coincident with or next following of attainment of age 65 and the 5th anniversary of participation.

Normal Retirement Benefit

The amount of annual benefit based on service to Normal Retirement Date is one percent of Average Compensation multiplied by years of service, up to 25 years of service. For employees hired prior to July 1, 1994, the Normal Retirement Benefit is 25% of Average Compensation.

The maximum benefit payable from the Plan is \$1,500 per month.

Delayed Retirement

A participant may continue in the employment of the Employer after his Normal Retirement Date. In such event he will receive at actual retirement the benefit based on service and compensation as of actual Retirement Date. Suspension of benefits notices are distributed upon the attainment of normal retirement age.

Average Compensation

The average of the highest five consecutive plan years of basic compensation paid during the 10 years preceding actual retirement date. Compensation for each year shall not exceed the IRC Section 401(a)(17) limit.

Accrued Benefit

The Accrued Benefit at any time prior to a participant's Normal Retirement Date shall be the Normal Retirement Benefit calculated using Average Compensation as of the accrual date and service as of the Normal Retirement Date. This benefit is then multiplied by a fraction, not to exceed one, the numerator of which is the years of service as of the date of determination and the denominator of which is the years of service at the Normal Retirement Date.

Early Retirement Benefit

Upon the completion of 10 years of Credited Service and the attainment of age 55, a participant may elect to retire. He may receive an immediate benefit equal to the Normal Retirement Benefit based on service at early retirement and actuarially reduced for early retirement.

Disability Retirement Benefit

A participant who ceases to be employed on account of disability before his Normal Retirement Date is eligible to receive a disability benefit equal to the Accrued Benefit reduced actuarially for payment before the Normal Retirement Date.

Death Benefit

In the event of a participant's death, the beneficiary shall receive a benefit based on the participant's

Schedule SB Attachment (Form 5500)—2017 Plan Year
Liberty Steel Industries, Inc. Defined Benefit Plan
EIN: 47-2870834 PN: 001

vested Accrued Benefit as of the date of death, but payable as if the participant had separated from service on the date of death, survived to his Normal Retirement Date, elected a Joint and 50% Survivor Annuity, and died on the day. An equivalent benefit is payable the month following death.

Severance Benefit

Upon the termination of employment after 5 or more Years of Service a participant shall have a vested interest in his Accrued Benefit which will be payable at Normal Retirement Date. The percentage vested shall be:

Years of Service	Vested Percent
Fewer than 5	0%
5 or more	100%

In the event that a participant has met the service requirements for Early Retirement at the date of termination, he may elect to receive his vested interest at age 55. Such benefit will be reduced as described under Early Retirement Benefit.

Employees hired prior to January 1, 2002 are automatically vested.

Normal Form of Payment

The Normal Form of Payment is an annuity paid in monthly installments for life with 120 payments guaranteed.

Optional Methods of Settlement

All Optional Methods of Settlement are actuarially equivalent to the Normal Form of Payment. If a married participant does not elect the Normal Form of Payment or does not elect one of the Optional Methods of Settlement described below, then the participant's Retirement Benefit shall automatically be paid under option [1] below. The options are:

- (1) A reduced benefit to be paid during the participant's lifetime with one-half of the reduced benefit to be continued to his spouse for her lifetime after his death.
- (2) A reduced benefit to be paid during the participant's lifetime with 75% of the reduced benefit to be continued to his spouse for her lifetime after his death.
- (3) A reduced benefit to be paid during the participant's lifetime with the same reduced benefit to be continued to his spouse for her lifetime after his death.
- (4) An increased benefit to be paid for the life of the participant.
- (5) A one-time lump sum payment.

All Optional Methods of Settlement are actuarially equivalent to the Normal Form of Payment on a unisex basis based on the blended GAM83 mortality table and an interest rate of 8%. Lump sum payments are determined using the applicable mortality table and the applicable interest rate for the October preceding the plan year of payment. A participant is eligible to elect, a lump sum payment at any time after termination of employment.

Schedule SB Attachment (Form 5500)—2017 Plan Year
Liberty Steel Industries, Inc. Defined Benefit Plan
EIN: 47-2870834 PN: 001

Amendment or Termination of Plan

The Employer reserves the right to amend or terminate the Plan at any time. Generally, the Pension Benefit Guaranty Corporation reserves the right to terminate the Plan if the Employer fails to meet the minimum funding standards or is unable to pay benefits when due.

If the Plan is terminated, the Plan assets will be distributed among the Plan participants based upon a priority allocation procedure, and the Employer shall be liable for any unfunded vested benefits to the extent required by law.

Additional Information

The above description is a summary only; for additional details, reference should be made to the formal Plan document.

Other Information to Fully and Fairly Disclose the Actuarial Position of the Plan

Due to software limitations with the electronic filing process, information filed electronically cannot be controlled by the Enrolled Actuary. The values on the signed Schedule SB will govern to the extent there are any differences in the entries filed electronically and the actual data contained on the signed Schedule SB.

Schedule SB Attachment (Form 5500)—2017 Plan Year
 Liberty Steel Industries, Inc. Defined Benefit Plan
 EIN: 47-2870834 PN: 001

Schedule SB, line 26—Schedule of Active Participant Data as of January 1, 2017

Number of Participants and Average Compensation

Attained Age	Years of Credited Service									
	<1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+
<25		2								
25-29		5	1							
30-34		5	4							
35-39		4	4	1						
40-44		3		1	2					
45-49		1	3	2	2	1	1			
50-54		7	3	2	4	1	1	1		
55-59		4	2	4	2	2	1	5	4	
60-64			1	1	4	1		1	2	
65-69						1				1
70+										

N-97

Schedule SB Attachment (Form 5500)—2017 Plan Year
 Liberty Steel Industries, Inc. Defined Benefit Plan
 EIN: 47-2870834 PN: 001

Schedule SB, line 32—Schedule of Amortization Bases

Type of Base	Present Value of Installment	Date Established	Years Remaining	Amortization Installment
Shortfall	\$ 63,332	January 1, 2011	1	\$ 63,332
Shortfall	\$ (99,779)	January 1, 2012	2	\$ (50,906)
Shortfall	\$ 76,160	January 1, 2013	3	\$ 26,428
Shortfall	\$ (26,491)	January 1, 2014	4	\$ (7,033)
Shortfall	\$ 22,753	January 1, 2015	5	\$ 4,929
Shortfall	\$ 156,099	January 1, 2016	6	\$ 29,050
Shortfall	\$ 215,709	January 1, 2017	7	\$ 35,422

Schedule SB Attachment (Form 5500)—2017 Plan Year
Liberty Steel Industries, Inc. Defined Benefit Plan
EIN: 47-2870834 PN: 001

Schedule SB, line 19—Discounted Employer Contributions
Year applied for contributions: 2017

Date	Amount	Days to Discount to 1/1/2017 at 5.69%	Interest Adjusted Contribution
April 13, 2018	\$ 78,178	467	\$ 72,834
July 12, 2018	78,178	557	71,847
Total Contribution	\$ 156,356		\$ 144,681

Schedule SB Attachment (Form 5500)—2017 Plan Year
 Liberty Steel Industries, Inc. Defined Benefit Plan
 EIN: 47-2870834 PN: 001

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

The average retirement age shown in line 22 has been calculated by assuming the following retirement rates and no decrements other than retirement for this calculation. All retirements are assumed to occur at beginning of year.

(a) Age	(b) Rate	(c) Weight	(d) Product (a) × (b) × (c)
55	1.00%	1.0000	0.55
56	1.00%	0.9900	0.55
57	1.00%	0.9801	0.56
58	1.00%	0.9703	0.56
59	1.00%	0.9606	0.57
60	2.50%	0.9510	1.43
61	2.50%	0.9272	1.41
62	2.50%	0.9040	1.40
63	2.50%	0.8814	1.39
64	2.50%	0.8594	1.38
65	50.00%	0.8379	27.23
66	66.66%	0.4190	18.43
67	100.00%	0.1397	9.36
Weighted Average			64.82

Schedule SB Attachment (Form 5500)—2017 Plan Year
Liberty Steel Industries, Inc. Defined Benefit Plan
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Schedule SB, Part V—Summary of Plan Provisions

The following summary describes principal plan provisions assumed in calculating the cost of your pension plan.

General Information

Original Effective Date:	April 1, 2015
Effective Date of Last Amendment:	N/A
Plan Year:	January 1st to December 31st
Employer Fiscal Year	January 1st to December 31st
Employer ID Number:	47-2870834
Plan Administrator's ID Number:	47-2870834
Plan Number:	001
Plan Administrator:	Liberty Steel Industries, Inc.

Prior Plan

Service and compensation earned prior to April 1, 2015 under the Liberty Steel Products, Inc. Defined Benefit Plan are recognized when determining eligibility and benefits under this plan.

Eligibility

All employees of the Employer are eligible to participate in the Plan as of the January 1 or July 1 next following the completion of one qualifying year of service and attainment of age 21. Those employed prior to January 1, 2002 had prior eligibility requirements.

Service

Service shall equal total years of service with the Employer. A year of service is credited for each plan year in which an employee works 1,000.

A break in service occurs at the start of any plan year in which the employee works 500 Hours or less for the Employer in such year. Service will not be interrupted by:

- (1) A leave of absence granted by the Employer.
- (2) A period of service in the Armed Forces of the United States under which employment rights are granted.
- (3) Transfer of employment from one participating Employer to another.
- (4) Maternity/paternity leave.

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An employee will be given credit for his pre-break service if either of the following occurs:

- (1) The employee had a vested interest in his accrued benefit at the time of his break in service, or
- (2) The employee's period of absence was less than the greater of his pre-break service or 5 years.

Normal Retirement Date

Normal Retirement Date is the later of the first day of the month coincident with or next following of attainment of age 65 and the 5th anniversary of participation.

Normal Retirement Benefit

The amount of annual benefit based on service to Normal Retirement Date is one percent of Average Compensation multiplied by years of service, up to 25 years of service. For employees hired prior to July 1, 1994, the Normal Retirement Benefit is 25% of Average Compensation.

The maximum benefit payable from the Plan is \$1,500 per month.

Delayed Retirement

A participant may continue in the employment of the Employer after his Normal Retirement Date. In such event he will receive at actual retirement the benefit based on service and compensation as of actual Retirement Date. Suspension of benefits notices are distributed upon the attainment of normal retirement age.

Average Compensation

The average of the highest five consecutive plan years of basic compensation paid during the 10 years preceding actual retirement date. Compensation for each year shall not exceed the IRC Section 401(a)(17) limit.

Accrued Benefit

The Accrued Benefit at any time prior to a participant's Normal Retirement Date shall be the Normal Retirement Benefit calculated using Average Compensation as of the accrual date and service as of the Normal Retirement Date. This benefit is then multiplied by a fraction, not to exceed one, the numerator of which is the years of service as of the date of determination and the denominator of which is the years of service at the Normal Retirement Date.

Early Retirement Benefit

Upon the completion of 10 years of Credited Service and the attainment of age 55, a participant may elect to retire. He may receive an immediate benefit equal to the Normal Retirement Benefit based on service at early retirement and actuarially reduced for early retirement.

Disability Retirement Benefit

A participant who ceases to be employed on account of disability before his Normal Retirement Date is eligible to receive a disability benefit equal to the Accrued Benefit reduced actuarially for payment before the Normal Retirement Date.

Death Benefit

In the event of a participant's death, the beneficiary shall receive a benefit based on the participant's

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vested Accrued Benefit as of the date of death, but payable as if the participant had separated from service on the date of death, survived to his Normal Retirement Date, elected a Joint and 50% Survivor Annuity, and died on the day. An equivalent benefit is payable the month following death.

Severance Benefit

Upon the termination of employment after 5 or more Years of Service a participant shall have a vested interest in his Accrued Benefit which will be payable at Normal Retirement Date. The percentage vested shall be:

Years of Service	Vested Percent
Fewer than 5	0%
5 or more	100%

In the event that a participant has met the service requirements for Early Retirement at the date of termination, he may elect to receive his vested interest at age 55. Such benefit will be reduced as described under Early Retirement Benefit.

Employees hired prior to January 1, 2002 are automatically vested.

Normal Form of Payment

The Normal Form of Payment is an annuity paid in monthly installments for life with 120 payments guaranteed.

Optional Methods of Settlement

All Optional Methods of Settlement are actuarially equivalent to the Normal Form of Payment. If a married participant does not elect the Normal Form of Payment or does not elect one of the Optional Methods of Settlement described below, then the participant's Retirement Benefit shall automatically be paid under option [1] below. The options are:

- (1) A reduced benefit to be paid during the participant's lifetime with one-half of the reduced benefit to be continued to his spouse for her lifetime after his death.
- (2) A reduced benefit to be paid during the participant's lifetime with 75% of the reduced benefit to be continued to his spouse for her lifetime after his death.
- (3) A reduced benefit to be paid during the participant's lifetime with the same reduced benefit to be continued to his spouse for her lifetime after his death.
- (4) An increased benefit to be paid for the life of the participant.
- (5) A one-time lump sum payment.

All Optional Methods of Settlement are actuarially equivalent to the Normal Form of Payment on a unisex basis based on the blended GAM83 mortality table and an interest rate of 8%. Lump sum payments are determined using the applicable mortality table and the applicable interest rate for the October preceding the plan year of payment. A participant is eligible to elect, a lump sum payment at any time after termination of employment.

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Amendment or Termination of Plan

The Employer reserves the right to amend or terminate the Plan at any time. Generally, the Pension Benefit Guaranty Corporation reserves the right to terminate the Plan if the Employer fails to meet the minimum funding standards or is unable to pay benefits when due.

If the Plan is terminated, the Plan assets will be distributed among the Plan participants based upon a priority allocation procedure, and the Employer shall be liable for any unfunded vested benefits to the extent required by law.

Additional Information

The above description is a summary only; for additional details, reference should be made to the formal Plan document.

Other Information to Fully and Fairly Disclose the Actuarial Position of the Plan

Due to software limitations with the electronic filing process, information filed electronically cannot be controlled by the Enrolled Actuary. The values on the signed Schedule SB will govern to the extent there are any differences in the entries filed electronically and the actual data contained on the signed Schedule SB.

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Schedule SB, line 32—Schedule of Amortization Bases

Type of Base	Present Value of Installment	Date Established	Years Remaining	Amortization Installment
Shortfall	\$ 63,332	January 1, 2011	1	\$ 63,332
Shortfall	\$ (99,779)	January 1, 2012	2	\$ (50,906)
Shortfall	\$ 76,160	January 1, 2013	3	\$ 26,428
Shortfall	\$ (26,491)	January 1, 2014	4	\$ (7,033)
Shortfall	\$ 22,753	January 1, 2015	5	\$ 4,929
Shortfall	\$ 156,099	January 1, 2016	6	\$ 29,050
Shortfall	\$ 215,709	January 1, 2017	7	\$ 35,422

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Schedule SB, line 24—Change in Actuarial Assumptions

The funding valuation reflects the following assumption changes:

- A change in the annual expected rate of return on plan assets from 7.00% for 2016 to 5.80% for 2017.

This change was made to better reflect the anticipated plan experience.