

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2016 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information		
For calendar plan year 2016 or fiscal plan year beginning <u>01/01/2016</u> and ending <u>12/31/2016</u>			
A	This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____	
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	If the plan is a collectively-bargained plan, check here. ☐		
D	Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)	

Part II	Basic Plan Information —enter all requested information		
1a	Name of plan <u>NINTH AMENDED & RESTATED HOURLY RETIREMENT PLAN</u>	1b	Three-digit plan number (PN) ▶ <u>002</u>
		1c	Effective date of plan <u>11/01/1967</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>OWENS-ILLINOIS, INC.</u> <u>ONE O-I PLAZA</u> <u>ONE MICHAEL OWENS WAY</u> <u>PERRYSBURG, OH 43551-2999</u>	2b	Employer Identification Number (EIN) <u>22-2781933</u>
		2c	Plan Sponsor's telephone number <u>567-336-5000</u>
		2d	Business code (see instructions) <u>327210</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 accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/11/2017	ETTA STRONG
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/11/2017	JOHN WEBB
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE
Preparer's name (including firm name, if applicable) and address (include room or suite number)			Preparer's telephone number

3a Plan administrator's name and address ☐ Same as Plan Sponsor OWENS-ILLINOIS EMPLOYEE BENEFITS COMMITTEE ONE O-I PLAZA ONE MICHAEL OWENS WAY PERRYSBURG, OH 43551-2999	3b Administrator's EIN 34-1192092 3c Administrator's telephone number 567-336-5000
4 If the name and/or EIN of the plan sponsor has changed since the last return/report filed for this plan, enter the name, EIN and the plan number from the last return/report: a Sponsor's name	4b EIN 4c PN
5 Total number of participants at the beginning of the plan year	5 23050
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year..... a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits..... c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants that terminated employment during the plan year with accrued benefits that were less than 100% vested	6a(1) 3515 6a(2) 3497 6b 6362 6c 3940 6d 13799 6e 1734 6f 15533 6g 6h 121
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item).....	7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 1B	
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:	

9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
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10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

- (1) ☒ **R** (Retirement Plan Information)
- (2) ☐ **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- (3) ☒ **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules

- (1) ☒ **H** (Financial Information)
- (2) ☐ **I** (Financial Information – Small Plan)
- (3) ☒ 1 **A** (Insurance Information)
- (4) ☒ **C** (Service Provider Information)
- (5) ☒ **D** (DFE/Participating Plan Information)
- (6) ☐ **G** (Financial Transaction Schedules)

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

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

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

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

11c Enter the Receipt Confirmation Code for the 2016 Form M-1 annual report. If the plan was not required to file the 2016 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE A (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <hr/> <small>Department of Labor Employee Benefits Security Administration</small> <hr/> <small>Pension Benefit Guaranty Corporation</small>	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500. ► Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 <hr/> 2016 <hr/> This Form is Open to Public Inspection
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For calendar plan year 2016 or fiscal plan year beginning **01/01/2016** and ending **12/31/2016**

A Name of plan NINTH AMENDED & RESTATED HOURLY RETIREMENT PLAN	B Three-digit plan number (PN) ►	002
C Plan sponsor's name as shown on line 2a of Form 5500 OWENS-ILLINOIS, INC.	D Employer Identification Number (EIN) 22-2781933	

Part I	Information Concerning Insurance Contract Coverage, Fees, and Commissions Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.
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1 Coverage Information:

(a) Name of insurance carrier
PACIFIC LIFE INSURANCE COMPANY

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
95-1079000	67466	G27726-01-0001	15533	01/01/2016	12/31/2016

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid	(b) Total amount of fees paid

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

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(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4	Current value of plan's interest under this contract in the general account at year end	4	
5	Current value of plan's interest under this contract in separate accounts at year end.....	5	
6	Contracts With Allocated Funds:		
a	State the basis of premium rates ▶ APPLICABLE MORTALITY TABLE & INTEREST RATE DETERMINED BY INS. CO.		
b	Premiums paid to carrier	6b	
c	Premiums due but unpaid at the end of the year	6c	
d	If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount	6d	
	Specify nature of costs ▶		
e	Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity (3) ☐ other (specify) ▶		
f	If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐		
7	Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)		
a	Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee (3) ☐ guaranteed investment (4) ☐ other ▶		
b	Balance at the end of the previous year	7b	0
c	Additions: (1) Contributions deposited during the year	7c(1)	
	(2) Dividends and credits.....	7c(2)	
	(3) Interest credited during the year.....	7c(3)	
	(4) Transferred from separate account	7c(4)	
	(5) Other (specify below)	7c(5)	
	(6) Total additions	7c(6)	0
d	Total of balance and additions (add lines 7b and 7c(6))	7d	0
e	Deductions:		
	(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	
	(2) Administration charge made by carrier.....	7e(2)	
	(3) Transferred to separate account	7e(3)	
	(4) Other (specify below)	7e(4)	
	(5) Total deductions	7e(5)	0
f	Balance at the end of the current year (subtract line 7e(5) from line 7d).....	7f	0

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- a** ☐ Health (other than dental or vision)
 b ☐ Dental
 c ☐ Vision
 d ☐ Life insurance
e ☐ Temporary disability (accident and sickness)
 f ☐ Long-term disability
 g ☐ Supplemental unemployment
 h ☐ Prescription drug
i ☐ Stop loss (large deductible)
 j ☐ HMO contract
 k ☐ PPO contract
 l ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received	9a(1)		
(2) Increase (decrease) in amount due but unpaid	9a(2)		
(3) Increase (decrease) in unearned premium reserve	9a(3)		
(4) Earned ((1) + (2) - (3))		9a(4)	0
b Benefit charges (1) Claims paid	9b(1)		
(2) Increase (decrease) in claim reserves	9b(2)		
(3) Incurred claims (add (1) and (2))		9b(3)	0
(4) Claims charged		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions	9c(1)(A)		
(B) Administrative service or other fees	9c(1)(B)		
(C) Other specific acquisition costs	9c(1)(C)		
(D) Other expenses	9c(1)(D)		
(E) Taxes	9c(1)(E)		
(F) Charges for risks or other contingencies	9c(1)(F)		
(G) Other retention charges	9c(1)(G)		
(H) Total retention		9c(1)(H)	0
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement		9d(1)	
(2) Claim reserves		9d(2)	
(3) Other reserves		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).)		9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier	10a	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount. Specify nature of costs.	10b	

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

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 2016 This Form is Open to Public Inspection
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For calendar plan year 2016 or fiscal plan year beginning 01/01/2016 and ending 12/31/2016

▶ **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>NINTH AMENDED & RESTATED HOURLY RETIREMENT 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>OWENS-ILLINOIS, INC.</u>	D Employer Identification Number (EIN) <u>22-2781933</u>
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500

Part I	Basic Information
1 Enter the valuation date: Month <u>01</u> Day <u>01</u> Year <u>2016</u>	
2 Assets:	
a Market value	2a <u>1418511529</u>
b Actuarial value	2b <u>1500335377</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>15551</u> <u>1018078501</u> <u>1018078501</u>
b For terminated vested participants.....	<u>3984</u> <u>79433614</u> <u>79433614</u>
c For active participants.....	<u>3515</u> <u>214028754</u> <u>236074625</u>
d Total.....	<u>23050</u> <u>1311540869</u> <u>1333586740</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>5.98 %</u>
6 Target normal cost.....	6 <u>15878636</u>

Statement by Enrolled Actuary

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

SIGN HERE		<u>08/24/2017</u>
	Signature of actuary	Date
<u>MELISSA MAYEA</u>	Type or print name of actuary	<u>17-07650</u>
<u>TOWERS WATSON DELAWARE, INC.</u>	Firm name	Most recent enrollment number
<u>26555 EVERGREEM RD., SUITE 1600</u> <u>SOUTHFIELD, MI 48076</u>	Address of the firm	<u>248-936-7700</u>
		Telephone number (including area code)

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

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

Schedule SB (Form 5500) 2016
v. 160205

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)	20690740	52015523
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)	20690740	52015523
10	Interest on line 9 using prior year's actual return of <u>-1.18</u> %	-244151	-613783
11	Prior year's excess contributions to be added to prefunding balance:		
a	Present value of excess contributions (line 38a from prior year)		0
b(1)	Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>6.17</u> %		0
b(2)	Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
c	Total available at beginning of current plan year to add to prefunding balance		0
d	Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	20446589	51401740

Part III Funding Percentages			
14	Funding target attainment percentage	14	107.11%
15	Adjusted funding target attainment percentage	15	111.82%
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	108.17%
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
Totals ►			18(b)	0	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 0
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:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">1st segment: 4.43%</td> <td style="width: 33%;">2nd segment: 5.91%</td> <td style="width: 33%;">3rd segment: 6.65%</td> </tr> </table>	1st segment: 4.43%	2nd segment: 5.91%	3rd segment: 6.65%	☐ N/A, full yield curve used
1st segment: 4.43%	2nd segment: 5.91%	3rd segment: 6.65%				
b	Applicable month (enter code)	21b	4			
22	Weighted average retirement age	22	62			
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	15878636			
b	Excess assets, if applicable, but not greater than line 31a	31b	15878636			
32	Amortization installments:	Outstanding Balance	Installment			
a	Net shortfall amortization installment	0	0			
b	Waiver amortization installment					
33	If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount		33			
34	Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)		34			
			0			
	Carryover balance	Prefunding balance	Total balance			
35	Balances elected for use to offset funding requirement	0	0			
36	Additional cash requirement (line 34 minus line 35)		36			
37	Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)		37			
38	Present value of excess contributions for current year (see instructions)					
a	Total (excess, if any, of line 37 over line 36)	38a	0			
b	Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b				
39	Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)		39			
40	Unpaid minimum required contributions for all years		40			
41			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 C (Form 5500) Department of the Treasury Internal Revenue Service <hr/> Department of Labor Employee Benefits Security Administration <hr/> Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2016
		This Form is Open to Public Inspection.

For calendar plan year 2016 or fiscal plan year beginning **01/01/2016** and ending **12/31/2016**

A Name of plan NINTH AMENDED & RESTATED HOURLY RETIREMENT PLAN	B Three-digit plan number (PN) ▶ 002
C Plan sponsor's name as shown on line 2a of Form 5500 OWENS-ILLINOIS, INC.	D Employer Identification Number (EIN) 22-2781933

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

1 Information on Persons Receiving Only Eligible Indirect Compensation

a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☐ Yes ☒ No

b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

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

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

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

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

JOHN HANCOCK RETIREMENT PLAN SVCS

01-0233346

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
13 62 64	RETAINED BY CLIENT	1368579	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

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

HARBOR CAPITAL ADVISORS, INC.

34-1953397

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28	RETAINED BY CLIENT	207739	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

TOWERS WATSON

23-1159360

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
11	RETAINED BY CLIENT	174990	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

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

ERNST & YOUNG

34-6565596

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10	RETAINED BY CLIENT	24750	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

STATE STREET BANK & TRUST COMPANY

04-1867445

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
21	RETAINED BY CLIENT	6061	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

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

Part I Service Provider Information (continued)

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

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

Part II Service Providers Who Fail or Refuse to Provide Information

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

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

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)

(complete as many entries as needed)

a Name:	DANIEL C. BERRY	b EIN:	23-1159360
c Position:	ENROLLED ACTUARY		
d Address:	255 EAST FIFTH STREET CINCINNATI, OH 45202	e Telephone:	513-519-5532

Explanation: CHANGE OF ACTUARY WITHIN WILLIS WATSON TOWERS

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

SCHEDULE D (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small>	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110 <div style="text-align: center; font-size: 1.2em; font-weight: bold;">2016</div> This Form is Open to Public Inspection.
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For calendar plan year 2016 or fiscal plan year beginning 01/01/2016 and ending 12/31/2016

A Name of plan <u>NINTH AMENDED & RESTATED HOURLY RETIREMENT PLAN</u>	B Three-digit plan number (PN) ►	<u>002</u>
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>OWENS-ILLINOIS, INC.</u>	D Employer Identification Number (EIN) <u>22-2781933</u>	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: OWENS-ILLINOIS MASTER RETIREMENT TR

b Name of sponsor of entity listed in (a): OWENS-ILLINOIS, INC.

c EIN-PN <u>06-1702371-001</u>	d Entity code <u>M</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>1195672554</u>
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) <small>Internal Revenue Service</small> <small>Department of Labor</small> <small>Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	<small>OMB No. 1210-0110</small> 2016 This Form is Open to Public Inspection
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For calendar plan year 2016 or fiscal plan year beginning <u>01/01/2016</u> and ending <u>12/31/2016</u>		
A Name of plan <u>NINTH AMENDED & RESTATED HOURLY RETIREMENT PLAN</u>	B Three-digit plan number (PN) ►	<u>002</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>OWENS-ILLINOIS, INC.</u>	D Employer Identification Number (EIN) <u>22-2781933</u>	

Part I	Asset and Liability Statement
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1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)		
(2) Participant contributions	1b(2)		
(3) Other.....	1b(3)	0	2736825
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)	419144	449198
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other.....	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common.....	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property).....	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans.....	1c(8)		
(9) Value of interest in common/collective trusts	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)	1418092385	1195672554
(12) Value of interest in 103-12 investment entities.....	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)		
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	1418511529	1198858577

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	1418511529	1198858577
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Part II Income and Expense Statement

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

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)		
(B) Participants	2a(1)(B)		
(C) Others (including rollovers)	2a(1)(C)		
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B), (C), and line 2a(2)	2a(3)		0
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	43546	
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)		
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		43546
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)		
(D) Total dividends. Add lines 2b(2)(A) , (B), and (C)	2b(2)(D)		0
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		0
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		95564921
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds).....	2b(10)		
c Other income.....	2c		10136
d Total income. Add all income amounts in column (b) and enter total.....	2d		95618603

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	308167246	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3).....	2e(4)		308167246
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense.....	2h		
i Administrative expenses: (1) Professional fees.....	2i(1)	205801	
(2) Contract administrator fees.....	2i(2)	1368579	
(3) Investment advisory and management fees.....	2i(3)	207739	
(4) Other	2i(4)	5322190	
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		7104309
j Total expenses. Add all expense amounts in column (b) and enter total	2j		315271555

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		-219652952
l Transfers of assets:			
(1) To this plan.....	2l(1)		
(2) From this plan.....	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☐ Unqualified (2) ☐ Qualified (3) ☒ Disclaimer (4) ☐ Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)?

☒ Yes ☐ No

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: ERNST & YOUNG, LLP

(2) EIN: 34-6565596

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.).....

b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)

	Yes	No	Amount
4a		X	
4b		X	

		Yes	No	Amount
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)	4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)	4d		X	
e Was this plan covered by a fidelity bond?	4e		X	
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?	4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?	4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	4i		X	
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.)	4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	4k		X	
l Has the plan failed to provide any benefit when due under the plan?	4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	4m			
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.	4n			
o Defined Benefit Plan or Money Purchase Pension Plan Only: Were any distributions made during the plan year to an employee who attained age 62 and had not separated from service?	4o			

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

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

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

5c 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 3987526. (See instructions.)

Part V Trust Information

6a Name of trust	6b Trust's EIN
6c Name of trustee or custodian	6d Trustee's or custodian's telephone number

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2016 This Form is Open to Public Inspection.
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For calendar plan year 2016 or fiscal plan year beginning 01/01/2016 and ending 12/31/2016

A Name of plan <u>NINTH AMENDED & RESTATED HOURLY RETIREMENT PLAN</u>	B Three-digit plan number (PN) ▶ <u>002</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>OWENS-ILLINOIS, INC.</u>	D Employer Identification Number (EIN) <u>22-2781933</u>

Part I	Distributions
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All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions	1	<u>0</u>
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): <u>04-1867445</u>		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year	3	<u>13</u>

Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)
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4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)?	☐ Yes	☒ No	☐ N/A
If the plan is a defined benefit plan, go to line 8.			
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.			
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)	6a		
b Enter the amount contributed by the employer to the plan for this plan year	6b		
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount)	6c		
If you completed line 6c, skip lines 8 and 9.			
7 Will the minimum funding amount reported on line 6c be met by the funding deadline?	☐ Yes	☐ No	☐ N/A
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change?	☐ Yes	☒ No	☐ N/A

Part III	Amendments
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9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box.....	☒ Increase	☐ Decrease	☐ Both	☐ No
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Part IV	ESOPs (see instructions). If this is not a plan described under Section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.
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10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?	☐ Yes	☐ No
11 a Does the ESOP hold any preferred stock?	☐ Yes	☐ No
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)	☐ Yes	☐ No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?	☐ Yes	☐ No

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

Schedule R (Form 5500) 2016
v. 160205

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

14	Enter the number of participants on whose behalf no contributions were made by an employer as an employer of the participant for:		
	a The current year	14a	
	b The plan year immediately preceding the current plan year	14b	
	c The second preceding plan year	14c	
15	Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:		
	a The corresponding number for the plan year immediately preceding the current plan year	15a	
	b The corresponding number for the second preceding plan year	15b	
16	Information with respect to any employers who withdrew from the plan during the preceding plan year:		
	a Enter the number of employers who withdrew during the preceding plan year	16a	
	b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	16b	
17	If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐		

Part VI	Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans
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18	If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment
19	If the total number of participants is 1,000 or more, complete lines (a) through (c) a Enter the percentage of plan assets held as: Stock: <u>73.0</u> % Investment-Grade Debt: <u>24.0</u> % High-Yield Debt: <u>3.0</u> % Real Estate: <u>0.0</u> % Other: <u>0.0</u> % b Provide the average duration of the combined investment-grade and high-yield debt: ☐ 0-3 years ☐ 3-6 years ☒ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more c What duration measure was used to calculate line 19(b)? ☒ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify):

Part VII	IRS Compliance Questions
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20a Is the plan a 401(k) plan? If "No," skip b	☐ Yes ☐ No
20b How did the plan satisfy the nondiscrimination requirements for employee deferrals under section 401(k)(3) for the plan year? Check all that apply:	☐ Design-based safe harbor ☐ "Prior year" ADP test ☐ "Current year" ADP test ☐ N/A
21a What testing method was used to satisfy the coverage requirements under section 410(b) for the plan year? Check all that apply:	☐ Ratio percentage test ☐ Average benefit test ☐ N/A
21b Did the plan satisfy the coverage and nondiscrimination requirements of sections 410(b) and 401(a)(4) for the plan year by combining this plan with any other plan under the permissive aggregation rules?	☐ Yes ☐ No
22a If the plan is a master and prototype plan (M&P) or volume submitter plan that received a favorable IRS opinion letter or advisory letter, enter the date of the letter / / and the serial number .	
22b If the plan is an individually-designed plan that received a favorable determination letter from the IRS, enter the date of the most recent determination letter / / .	

Financial Statements

**Ninth Amended and Restated
Owens-Illinois Hourly Retirement Plan**

*Years Ended December 31, 2016 and 2015
with Report of Independent Auditors*

Financial Statements

Years Ended December 31, 2016 and 2015

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Report of Independent Auditors

Owens-Illinois, Inc. Employee Benefits Committee
Ninth Amended and Restated Owens-Illinois
Hourly Retirement Plan

Report on the Financial Statements

We were engaged to audit the accompanying financial statements of the Ninth Amended and Restated Owens-Illinois Hourly Retirement Plan, which comprise the statements of net assets available for benefits as of December 31, 2016 and 2015, and the related statements of changes in net assets available for benefits for the years then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in conformity with U.S. generally accepted accounting principles; this includes the design, implementation and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free of material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on conducting the audits in accordance with auditing standards generally accepted in the United States. Because of the matter described in the Basis for Disclaimer of Opinion paragraph, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion.

Basis for Disclaimer of Opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the certified investment information described in Note 5, except for comparing such information with the related information included in the financial statements. We have been informed by the plan administrator that the entity that certified the investment information meets the requirements of 29 CFR 2520.103-8. The plan administrator has obtained certifications as of December 31, 2016 and 2015 and for the years then ended, stating that the investment information provided to the plan administrator is complete and accurate.

Disclaimer of Opinion on Financial Statements

Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion. Accordingly, we do not express an opinion on these financial statements.

Report on Compliance of Form and Content with Department of Labor's Rules and Regulations

The form and content of the information included in the financial statements, other than that derived from the certified investment information, have been audited by us in accordance with auditing standards generally accepted in the United States and, in our opinion, are presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.

Ernst & Young LLP

August 23, 2017

Ninth Amended and Restated
Owens-Illinois Hourly Retirement Plan

Statements of Net Assets Available for Benefits

	December 31,	
	2016	2015
Assets		
Investments:		
Short term investment fund	\$ 449,198	\$ 419,144
Other receivable	2,736,825	-
Plan interest in Group Trust (Note 5)	1,195,672,554	1,418,092,385
Net assets available for benefits	<u>\$ 1,198,858,577</u>	<u>\$ 1,418,511,529</u>

See accompanying notes.

Ninth Amended and Restated
Owens-Illinois Hourly Retirement Plan

Statements of Changes in Net Assets Available for Benefits

	Year ended December 31, 2016	2015
Additions		
Interest and other income	\$ 53,682	\$ 24,531
Net investment income (loss) from Group Trust (Note 5)	95,564,921	(18,198,036)
Deductions		
Benefit payments:		
Pension	107,791,109	114,955,308
Lump sum	397,888	266,459
Total benefit payments	108,188,997	115,221,767
Purchase of annuity contracts	199,978,249	76,089,700
Administrative and other expenses	7,104,309	4,544,644
Total deductions	315,271,555	195,856,111
Net decrease in net assets available for benefits	(219,652,952)	(214,029,616)
Net assets available for benefits:		
Beginning of year	1,418,511,529	1,632,541,145
End of year	\$ 1,198,858,577	\$ 1,418,511,529

See accompanying notes.

Ninth Amended and Restated
Owens-Illinois Hourly Retirement Plan

Notes to Financial Statements

1. Description of Plan

General

The Ninth Amended and Restated Owens-Illinois Hourly Retirement Plan ("Plan") is a defined benefit plan established to provide normal and early retirement, termination and death benefits to qualified hourly employees of Owens-Illinois, Inc. ("Company") and certain of its subsidiaries. The Plan was last amended on October 26, 2015 for minor technical changes effective January 1, 2016.

Contributions

The Company contributes such amounts as are deemed necessary on an actuarial basis to provide assets sufficient to meet the future benefits to be paid to Plan participants. As of December 31, 2016 and 2015 the minimum funding requirements as defined by the Employee Retirement Income Security Act of 1974, as amended ("ERISA") have been met.

Benefits

A traditional participant is entitled to annual pension benefits beginning at normal retirement age (65) based on a benefit formula amount stipulated by labor class in the applicable union contract multiplied by the participant's years of credited service. A cash balance participant is entitled to annual pension benefits beginning at normal retirement age (65) based on a pay credit rate stipulated by years of credited service in the applicable union contract. For any nonunion participants, the Company establishes the benefit formula amount as determined from the plan document. Accrued benefits become vested after completion of five years of credited service for a traditional participant and three years of credited service for a cash balance participant or the attainment of normal retirement age. Benefits are payable beginning at normal retirement age or in reduced amounts upon early retirement.

Plan Termination

Although it has not expressed an intention to do so, the Company reserves the right under the Plan to terminate the Plan subject to the provisions of ERISA. In the event of termination of the Plan, its assets will first be used to provide participants' accrued benefits unless they are insufficient. In that case, whether a particular participant's accrued benefits will be paid depends on both the priority of those benefits and the level of benefits guaranteed by the Pension Benefit Guaranty Corporation ("PBGC") at that time. Some benefits may be fully or partially provided for by the available assets and the PBGC's benefit guarantee, while other benefits may not be provided for at all.

The above information is a brief description of the Plan. Information about the vesting and benefit provisions and the PBGC's benefit guarantee is contained in the Plan's Summary Plan Description, which is available at the corporate office of the Company.

Ninth Amended and Restated
Owens-Illinois Hourly Retirement Plan

Notes to the Financial Statements - Continued

2. Summary of Significant Accounting Policies

Basis of Accounting

The accompanying financial statements have been prepared on the accrual basis of accounting.

Payment of Benefits

Benefits are recorded when paid.

Basis of Presentation and Plan Investments

The Plan's assets are included in the Owens-Illinois Master Retirement Trust ("Master Trust") along with the assets of another pension plan at the Company. Each participating plan has an undivided interest in the Master Trust. The Master Trust assets are allocated among the participating plans by assigning to each plan those transactions (primarily contributions, benefit payments, and plan-specific expenses) that can be specifically identified and by allocating among all plans, in proportion to each plan's beneficial interest in the Master Trust, income and expenses resulting from the collective investment of the assets of the Master trust. At December 31, 2016 and 2015, the Plan's interest in the net assets of the Master Trust was approximately 72% and 74%, respectively.

The Master Trust holds an investment in a Harbor Capital Group Trust for Defined Benefit Plans ("Group Trust") and a short term investment fund. The trustee of the Plan is State Street Bank and Trust Co. ("State Street"). The Group Trust is under a separate trust agreement.

The Group Trust's assets are managed by designated advisors across a wide range of investment strategies and these investment funds consist of public securities such as domestic and foreign equity, intermediate and longer duration corporate debt issues and government securities. The Group Trust's assets are designed to preserve principal and maximize returns.

The Plan's earnings of the Group Trust are allocated in proportionate interest to each participating plan based on the fair market value of its net assets. The accompanying financial statements reflect the Plan's total interest in the net assets and transactions of the Group Trust as allocated by State Street.

Investment Valuation and Income Recognition

The Plan's interest in the Group Trust is valued at the unit price established by the trustee, which is deemed to be fair value. Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date (an exit price). See Note 6 for further discussion and disclosures related to fair value measurements.

The Owens-Illinois, Inc. Investment Committee is responsible for determining the Plan's valuation policies and analyzing information provided by the investment custodians and issuers that is used to determine the fair value of the Plan's investments.

Ninth Amended and Restated
Owens-Illinois Hourly Retirement Plan

Notes to the Financial Statements - Continued

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

Income Tax Status

The Plan has received a determination letter from the Internal Revenue Service dated April 8, 2015, stating that the Plan is qualified under Section 401(a) of the Internal Revenue Code (the Code) and therefore, the related trust is tax-exempt. Subsequent to this determination by the IRS, the Plan was amended. Once qualified, the Plan is required to operate in conformity with the Code to maintain its qualified status. The plan administrator believes the Plan is being operated in compliance with the applicable requirements of the Code and therefore, believes the Plan, as amended, is qualified and the related trust is tax-exempt.

Accounting principles generally accepted in the United States (GAAP) require plan management to evaluate uncertain tax positions taken by the Plan. The financial statement effects of a tax position are recognized when the position is more likely than not, based on the technical merits, to be sustained upon examination by the IRS. The plan administrator has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2016, there are no uncertain positions taken or expected to be taken. The Plan has recognized no interest or penalties related to uncertain tax positions. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

Administrative Expenses

The Plan incurs administrative expenses directly related to the Plan which consist primarily of trustee fees for investments held outside of the Master Trust, PBGC fees and actuarial fees. These expenses are reported on the statements of changes in the net assets available for benefits as administrative expenses. Administrative expenses related to the Master Trust are allocated to the Plan and are reflected in the net investment gain from the Master Trust. Expenses relating to purchases, sales or transfers of the Plan's investments are charged to the particular investment fund in which the expenses relate. All other administrative expenses are paid by the Company on behalf of the Plan.

Use of Estimates

The preparation of financial statements in conformity with GAAP in the United States requires management to make estimates and assumptions that affect the reported amounts of certain assets and liabilities and the reported amounts of certain additions and deductions during the reporting period. Most significantly, estimates and assumptions are used in the determination of the actuarial present value of accumulated plan benefits. Actual results could differ from those estimates and assumptions.

Ninth Amended and Restated
Owens-Illinois Hourly Retirement Plan

Notes to the Financial Statements - Continued

Risks and Uncertainties

The Plan invests in various investment securities, which are exposed to various risks such as interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the statements of net assets available for benefits.

The actuarial present value of accumulated plan benefits is reported based on certain assumptions pertaining to interest rates, inflation rates and employee demographics, all of which are subject to change. Due to uncertainties inherent in the estimation and assumption process, it is at least reasonably possible that changes in estimates and assumptions in the near term could materially affect the amounts reported and disclosed in the financial statements.

Related Party and Party-in-Interest Transactions

Certain of the Plan's assets are invested in funds managed by the trustee of the Plan. These transactions qualify as party-in-interest transactions; however, they are exempt from the prohibited transaction rules under ERISA.

3. New Accounting Pronouncements

In August 2014, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update (ASU) No. 2014-15, "*Disclosure of Uncertainties about an Entity's Ability to Continue as a Going Concern* (ASU 2014-15)." ASU 2014-15 defines management's responsibility to evaluate whether there is a substantial doubt about an organization's ability to continue as a going concern and to provide related footnote disclosures. In connection with preparing financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about an organization's ability to continue as a going concern within one year after the date that the financial statements are issued. ASU 2014-15 is effective for fiscal years ending after December 15, 2016. Management has performed this assessment as of the date these financial statements were issued and no going concern uncertainties were identified.

In February 2017, the FASB issued ASU 2017-06, *Plan Accounting: Defined Benefit Pension Plans (Topic 960), Defined Contribution Pension Plans (Topic 962), Health and Welfare Benefit Plans (Topic 965): Employee Benefit Plan Master Trust Reporting*, (ASU 2017-06). ASU 2017-06 requires a plan to present its interest in a master trust and the change in that interest as separate line items in the statement of net assets available for benefits and in the statement of changes in net assets available for benefits, respectively. It also requires a plan to disclose the master trust's investments and other assets and liabilities, as well as the dollar amount of its interest in these balances. ASU 2017-06 eliminates the requirement for a health and welfare plan to provide investment disclosures for 401(h) account assets. ASU 2017-06 is effective for entities for fiscal years beginning after December 15, 2018, with retrospective application to all periods presented. Early application is permitted. The Company has not yet assessed the impact of this standard on the financial statements.

Ninth Amended and Restated
Owens-Illinois Hourly Retirement Plan

Notes to the Financial Statements - Continued

4. Actuarial Present Value of Accumulated Plan Benefits

Accumulated plan benefits are those future periodic payments and lump sum distributions to which participants are entitled under the Plan's provisions based on services rendered to the valuation date. Accumulated plan benefits include benefits expected to be paid to: a) retired employees or their beneficiaries, b) terminated employees with vested benefits, c) beneficiaries of deceased employees, and d) present employees or their beneficiaries.

The actuarial present value of accumulated plan benefits is determined by the Plan's consulting actuary, and is that amount which results from applying actuarial assumptions to adjust the accumulated plan benefits to reflect the time value of money (through discounts for interest) and the probability of benefit payments (by means of decrements for such factors as death, withdrawal or early retirement) between the valuation date and the expected date of payment. The amount of accumulated plan benefits is estimated actuarially under the accrued benefit cost method (unit credit method).

The more significant assumptions underlying the actuarial computations are as follows:

Assumed Rate of Return on Investments	7.50% and 8.00% at December 31, 2016 and 2015, respectively
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Mortality basis (Healthy/Disabled)	2015 - Separate male and female tables of rates for non-annuitants (based on RP-2014 "Employees" table with Blue Collar and an 18.2% increase in rates adjustment, with generational projection using the MP-2015 projection scale, unadjusted) and annuitants (based on RP-2014 "Healthy Annuitants" table with Blue Collar and an 18.2% adjustment, with generational projection using the MP-2015 projection scale, unadjusted.) Separate male and female tables of rates for disabled participants (based on RP-2014 "Disabled Retiree" table with an 18.2% increase in rates and generational projection using the MP-15 scale, unadjusted.)
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2014 - Separate male and female tables of rates for non-annuitants (based on RP-2014 "Employees" table with Blue Collar and an 18.2% increase in rates adjustment, with generational projection using the MP-14 projection scale, unadjusted) and annuitants (based on RP-2014 "Healthy Annuitants" table

Ninth Amended and Restated
Owens-Illinois Hourly Retirement Plan

Notes to the Financial Statements - Continued

with Blue Collar and an 18.2% adjustment, with generational projection using the MP-14 projection scale, unadjusted.) Separate male and female tables of rates for disabled participants (based on RP-2014 “Disabled Retiree” table with an 18.2% increase in rates and generational projection using the MP-15 scale, unadjusted.)

Employee turnover	A moderate scale consistent with Company experience
Retirement age	Based on Company experience varying from ages 55-70

If the Plan would terminate, different actuarial assumptions determined by the PBGC and other factors might be applicable in determining the actuarial present value of accumulated plan benefits. The actuarial present values of accumulated plan benefits (“APVAPB”) are as follows:

	December 31, 2015
Vested benefits:	
Participants currently receiving benefits	\$ 886,826,958
Other participants	243,252,895
Total vested benefits	<u>1,130,079,853</u>
Nonvested benefits	<u>18,544,544</u>
Total APVAPB	<u><u>\$ 1,148,624,397</u></u>

The following table details the changes in the APVAPB:

	Year ended December 31, 2015
APVAPB at beginning of year	\$ 1,189,527,037
Increase (decrease) during the year attributable to:	
Increase in benefits accumulated	22,269,831
Increase due to change in plan assumptions	37,746,081
Increase due to decrease in the discount period	90,392,915
Purchase of annuity contracts	(76,089,700)
Benefits paid	<u>(115,221,767)</u>
Net decrease	<u>(40,902,640)</u>
APVAPB at end of year	<u><u>\$ 1,148,624,397</u></u>

The APVAPB as of December 31, 2015 does not reflect the purchase of annuity contracts of \$199,978,249 that occurred during 2016.

Ninth Amended and Restated
Owens-Illinois Hourly Retirement Plan

Notes to the Financial Statements - Continued

5. Investments

Certain information related to investments for the Plan and the Master Trust disclosed in the accompanying financial statements including investments held at December 31, 2016 and 2015, and net appreciation (depreciation) in fair value of investments, interest and dividends for the years ended December 31, 2016 and 2015, was obtained or derived from information provided to the plan administrator and certified as complete and accurate by State Street.

The following table presents the fair value of the net assets in the Master Trust:

	December 31,	
	2016	2015
Short term investment fund	\$ 620,305	\$ 564,204
Interest in Group Trust	1,651,122,029	1,908,874,636
Total net assets	<u>\$ 1,651,742,334</u>	<u>\$ 1,909,438,840</u>

Changes in net assets for the Master Trust are as follows:

	Year ended December 31,	
	2016	2015
Net appreciation (depreciation) in fair value of investments	\$ 127,640,844	\$ (24,561,797)
Interest and other income	69,197	28,092
Total investment income	<u>\$ 127,710,041</u>	<u>\$ (24,533,705)</u>

6. Fair Value Measurements

GAAP defines fair value as an exit price, representing the amount that would be received to sell an asset or paid to transfer a liability in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants. GAAP establishes a three-tier fair value hierarchy, which prioritizes the inputs used in measuring fair value as follows:

- Level 1: Observable inputs such as quoted prices in active markets;
- Level 2: Inputs, other than quoted prices in active markets, that are observable either directly or indirectly; and
- Level 3: Unobservable inputs for which there is little or no market data, which requires the Company to develop assumptions.

Ninth Amended and Restated
Owens-Illinois Hourly Retirement Plan

Notes to the Financial Statements - Continued

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement.

The investment valuation policy of the Master Trust is to value investments at fair value. The Master Trust invests in the Group Trust which consists of investment funds valued at their respective net asset value as calculated by the trustee. There are no redemption restrictions related to assets in the Group Trust or Short Term Investment Fund. Short-term investments are stated at amortized cost, which approximates fair value.

The methods used to produce a fair value calculation may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Master Trust believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

The following table sets forth by level, within the fair value hierarchy, the asset values underlying the Master Trust's investments:

	Assets at fair value as of December 31, 2016			Total
	Level 1	Level 2	Level 3	
Short term investment fund	\$ -	\$ 620,305	\$ -	\$ 620,305
	<u>\$ -</u>	<u>\$ 620,305</u>	<u>\$ -</u>	
Investments measured at net asset value				
Interest in Group Trust				\$ 1,651,122,029
Total assets at fair value				<u>\$ 1,651,742,334</u>

	Assets at fair value as of December 31, 2015			Total
	Level 1	Level 2	Level 3	
Short term investment fund	\$ -	\$ 564,204	\$ -	\$ 564,204
	<u>\$ -</u>	<u>\$ 564,204</u>	<u>\$ -</u>	
Investments measured at net asset value				
Interest in Group Trust				\$ 1,908,874,636
Total assets at fair value				<u>\$ 1,909,438,840</u>

7. Subsequent Events

The Company has evaluated subsequent events for the Plan through August 23, 2017, the date the financial statements were available for issuance.

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26 Schedule of Active Participant Data as of January 1, 2016

Attained Age	Years of Credited Service																			
	Under 1		1 to 4		5 to 9		10 to 14		15 to 19		20 to 24		25 to 29		30 to 34		35 to 39		40 & Over	
	No.	Cash Bal.	No.	Cash Bal.	No.	Cash Bal.	No.	Cash Bal.	No.	Cash Bal.	No.	Cash Bal.	No.	Cash Bal.	No.	Cash Bal.	No.	Cash Bal.	No.	Cash Bal.
Under 25	71	452	38		2		0		0		0		0		0		0		0	
25 - 29	89	434	100	3,947	67		4		0		0		0		0		0		0	
30 - 34	68	614	105	4,121	143		62		0		0		0		0		0		0	
35 - 39	54	537	87	3,949	119		79	4,202	14		0		0		0		0		0	
40 - 44	43	818	81	3,209	106		72		36		9		0		0		0		0	
45 - 49	38	581	80	4,389	114		80		24		20		37		8		0		0	
50 - 54	33	629	68	3,410	114		70		48		13		76		84		25		0	
55 - 59	13		42		73		57		35		22		66		73		201		34	
60 - 64	2		27		27	10,792	45	332	20		15		33		20		124		99	
65 - 69	1		2		9		9		3		3		8		6		17		29	
70 & Over	0		0		1		0		0		1		1		0		0		16	

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Schedule SB, Part V – Statement of Actuarial Assumptions and Methods

Economic Assumptions

Interest rate basis:

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

Interest rates:

	Reflecting Corridors	Not Reflecting Corridors
▪ First segment rate	4.43%	1.34%
▪ Second segment rate	5.91%	4.03%
▪ Third segment rate	6.65%	5.06%
▪ Effective interest rate	5.98%	4.17%

Annual rates of increase

- Compensation: 2.75%
- Future Social Security wage bases 4.00%
- Statutory limits on compensation 3.50%
- Interest crediting rate 2.92%

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Demographic Assumptions

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

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

Mortality

- **Healthy** Separate rates for non-annuitants based on RP-2000 "Employees" table without collar or amount adjustments, projected to 2031 using Scale AA and annuitants based on RP-2000 "Healthy Annuitants" table without collar or amount adjustments, projected to 2023 using Scale AA.
- **Disabled** Separate rates for non-annuitants based on RP-2000 "Employees" table without collar or amount adjustments, projected to 2031 using Scale AA and annuitants based on RP-2000 "Healthy Annuitants" table without collar or amount adjustments, projected to 2023 using Scale AA.

Termination Rates varying by age and service.

Representative Termination Rates:

Percentage leaving during the year		
Attained Age	Males	Females
25	.100	.100
40	.044	.044
55	.020	.020

Disability Rates varying by age.

Retirement Rates varying by from age 55 to age 70 and based on service average.

For purposes of determining the Funding Target and Target Normal Cost (both disregarding at-risk assumptions), the rates at which participants retire by age are shown below.

Percentage leaving during the year		
Attained Age	Service<30	Service>30
55	.060	.100
60	.120	.120
62	.240	.270
65	.500	.300
70	1.000	1.000

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Unpredictable Contingent Event Benefit (UCEB) assumptions O-I provides unreduced early retirement benefits for collectively bargained employees in the Hourly Plan in the event of plant closures, as defined by the collective bargaining agreements. There is no specific load for these benefits in the 2016 valuation.

Benefit commencement date:

- Preretirement death benefit The later of the death of the active participant or the date the participant would have attained age 55.
- Deferred vested benefit The later of age 65 or termination of employment.
- Disability benefit Upon disablement.
- Retirement benefit Upon termination of employment.

Form of payment

Life annuity unless noted otherwise below.

For active Hourly GMP contract participants the normal form is six years certain and continuous.

For Hourly cash balance participants the normal form is a Lump Sum based on account balance at date of retirement.

Percent married

80% of males; 80% of females. Used to value pre-retirement surviving spouse benefits and in determining the optional forms expected to be elected at commencement.

Spouse age

Spouses of female participants are assumed to be three years older than the participant. Spouses of male participants are assumed to be three years younger than the participant.

Covered pay

Assumed plan compensation for the year beginning on the valuation date was determined as estimated annualized current year W-2 pay based on actual pay from January 1 through November 30 of the prior year.

Administrative expenses

Return on asset assumption is net of any expenses paid by the trust. For the 2016 plan year administrative expenses were assumed to be \$6,100,000.

Loads

None

Timing of benefit payments

Annuity payments are payable monthly at the beginning of the month and lump sum payments are payable on date of decrement.

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Methods

Valuation date	First day of plan year.
Funding target	Present value of accrued benefits as required by regulations under IRC §430.
Target normal cost	Present value of benefits expected to accrue during plan year plus plan-related expenses expected to be paid from plan assets during plan year as required by regulations under IRC §430.
Actuarial value of assets	<p>Average of the fair market value of assets on the valuation date and 12 and 24 months preceding the valuation date, adjusted for contributions, benefits, administrative expenses and expected earnings (with such expected earnings limited as described in IRS Notice 2009-22) . The average asset value must be within 10% of market value, including discounted contributions receivable (discounted using the effective interest rate for the 2014 plan year.)</p> <p>The method of computing the actuarial value of assets complies with rules governing the calculation of such values under the Pension Protection Act of 2006 (PPA). These rules produce smoothed values that reflect the underlying market value of plan assets but fluctuate less than the market value. As a result, the actuarial value of assets will be lower than the market value in some years and greater in other years. However, over the long term under PPA's smoothing rules, the method has a significant bias to produce an actuarial value of assets that is below the market value of assets.</p>

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Benefits not valued

All benefits described in the Plan Provisions section of this report were valued except unreduced early retirement benefits for collectively bargained employees in the Hourly Plan in the event of plant closures, as defined by the collective bargaining agreements. Based on discussions with O-I, such benefits are considered to have a de minimis likelihood of being paid and thus are not required to be valued, and will not be valued, until and unless the triggering event occurs.

The plan pays small benefits (with a present value up to \$5,000 in a single lump sum payment). Such lump sums are not explicitly valued; rather such participants' benefits are valued using the benefit choice assumptions described above.

Willis Towers Watson has reviewed the plan provisions with O-I and, based on that review, is not aware of any other significant benefits required to be valued that were not.

Assumptions Rationale – Significant Economic Assumptions for Contributions

Discount rate

The basis chosen was selected by the plan sponsor from among choices prescribed by law, all of which are based on observed market data over certain periods of time.

Cash Balance Interest crediting rate

The plan credits interest to cash balance accounts using the 30-year Treasury rate as of the November preceding the plan year. Based on an analysis of historical relationships between 30-year Treasury rates and the discount rate used for accounting we have set the assumed interest credit rate to be the discount rate used for accounting less 1.50%; however, the result of this process is reviewed each year for reasonableness given current and expected future conditions.

Lump sum conversion rate

As required by IRC 430, lump sum benefits are valued using "annuity substitution", so that the interest rates assumed are effectively the same as described above for the discount rate.

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Rates of increase in:

- **Compensation**

Assumed compensation increases are based on a combination of assumed future (i) cost-of-living increases (CPI), (ii) productivity increases and (iii) promotional increases. CPI increases assumed are as described below. Productivity increases are consistent with the assumed real increases in NAW described below (i.e., increases in assumed NAW less increases in assumed CPI). Promotional increases were based on plan sponsor expectations and a study of increases received by plan participants in the years 2006-2011.
- **National average wages (NAW) (e.g., Social Security wage bases)**

The assumed NAW is based on assumed CPI as shown below, plus assumed increases in real wages (the portion of GDP increases that becomes part of wages). Such assumed future increases in real wages are based on a combination of recent rates and an expectation that the future rates will be higher than current conditions.
- **Increases in statutory limits (CPI)**

The assumed CPI is based on a combination of historical average CPI, current conditions, and future forecasts by economists.
- Administrative expenses**

Administrative expenses are estimated by determining the expected actual expenses for the coming year, reflecting items like expected PBGC

Assumptions Rationale – Significant Demographic Assumptions

- Healthy Mortality**

Assumptions are as prescribed by IRC §430(h).
- Disabled Mortality**

Assumptions are as prescribed by IRC §430(h).
- Termination**

Termination rates were based on an experience study conducted in 2013, with annual consideration of whether any conditions have changed that would be expected to produce different results in the future.

Assumed termination rates differ by gender because of observed differences in termination rates by gender.
- Disability**

Disability rates were based on an experience study conducted in 2013, with annual consideration of whether any conditions have changed that would be expected to produce different results in the future.
- Retirement**

Retirement rates were based on an experience study conducted in 2013, with annual consideration of whether any conditions have changed that would be expected to produce different results in the future.

Retirement rates differ by eligibility for unreduced retirement benefits because of the observed effects the availability of these benefits has on retirement rates.

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Benefit commencement date for deferred benefits:

- Preretirement death benefit Surviving spouses are assumed to begin benefits at the earliest permitted commencement date because ERISA requires benefits to start then unless the spouse elects to defer. If the spouse elects to defer, actuarial increases from the earliest commencement date must be given, so that a later commencement date is expected to be of approximately equal value, and experience indicates that most spouses do take the benefit as soon as it is available.
- Deferred vested benefit Deferred vested participants' assumed commencement age is a single age intended to capture the average age at commencement. Deferred vested early commencement factors are not subsidized so that the difference between this approach and using assumed commencement rates at multiple ages is not expected to be significant.

Form of payment

The percentage of retiring participants assumed to take joint and survivor annuities, and the assumed survivor percentages, are based on observed experience over the period 2010-2013.

Percent married

The assumed percentage married is based on the percentage married observed among recent retirees.

Spouse age

The assumed age difference for spouses is based on the age difference observed among recent retirees.

Source of Prescribed Methods

Funding methods

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

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Changes in Assumptions and Methods

Change in assumptions since prior valuation

The segment interest rates used to calculate the funding target and target normal cost were updated to the current valuation date as required by IRC 430.

The mortality table used to calculate the funding target and target normal cost was updated to include one additional year of projected mortality improvement, as required by IRC 430.

The assumed plan-related expenses added to the target normal cost were changed from \$4,400,000 for the prior valuation to \$6,100,000 for the current valuation to account for higher expected expenses to be paid from the trust.

Change in methods since prior valuation

None.

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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.	OMB No. 1210-0110 2016 This Form is Open to Public Inspection
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For calendar plan year 2016 or fiscal plan year beginning 01/01/2016 and ending 12/31/2016

► **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 NINTH AMENDED & RESTATED HOURLY RETIREMENT PLAN	B Three-digit plan number (PN) ►	002
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF OWENS-ILLINOIS, INC.	D Employer Identification Number (EIN) 22-2781933	
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>2016</u>			
2 Assets:			
a Market value.....	2a	1,418,511,529	
b Actuarial value.....	2b	1,500,335,377	
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.....	15,551	1,018,078,501	1,018,078,501
b For terminated vested participants.....	3,984	79,433,614	79,433,614
c For active participants.....	3,515	214,028,754	236,074,625
d Total.....	23,050	1,311,540,869	1,333,586,740
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.....	5.98%		
6 Target normal cost.....	15,878,636		

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>8/24/17</u> Date 1707650 Most recent enrollment number 248-936-7700 Telephone number (including area code)
Melissa Mayea Type or print name of actuary TOWERS WATSON DELAWARE, INC. Firm name 26555 Evergreen Rd., Suite 1600 Southfield MI 48076 Address of the firm		

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

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

Schedule SB (Form 5500) 2016
v. 160205

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).....	20,690,740	52,015,523
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).....	20,690,740	52,015,523
10 Interest on line 9 using prior year's actual return of <u>-1.18%</u>	-244,151	-613,783
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year).....		0
b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>6.17%</u>		0
b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return.....		0
c Total available at beginning of current plan year to add to prefunding balance.....		0
d Portion of (c) to be added to prefunding balance.....		0
12 Other reductions in balances due to elections or deemed elections.....	0	0
13 Balance at beginning of current year (line 9 + line 10 + line 11d - line 12).....	20,446,589	51,401,740

Part III Funding Percentages

14 Funding target attainment percentage.....	14	107.11%
15 Adjusted funding target attainment percentage.....	15	111.82%
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	108.17%
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
Totals ▶			18(b)	0	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	0

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: 4.43 %	2nd segment: 5.91 %	3rd segment: 6.65 %
			☐ N/A, full yield curve used
b Applicable month (enter code).....			21b 4
22 Weighted average retirement age			22 62
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	15,878,636
b Excess assets, if applicable, but not greater than line 31a		31b	15,878,636
32 Amortization installments:		Outstanding Balance Installment	
a Net shortfall amortization installment.....		0	0
b Waiver amortization installment			
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount		33	
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)....		34	0
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement.....	0	0	0
36 Additional cash requirement (line 34 minus line 35).....	36		0
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....	37		0
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)		38a	0
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances		38b	
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37).....	39		0
40 Unpaid minimum required contributions for all years	40		0

Part IX Pension Funding Relief Under 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 ATTACHMENTS

Schedule SB, Line 22
Description of Weighted Average Retirement Age
as of January 1, 2016

The average retirement age for Line 22 was calculated by determining the average age at retirement for those current active and terminated vested participants expected to reach retirement, based on all current decrements assumed.

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Schedule SB, Part V – Summary of Plan Provisions

Effective Date

Latest complete reinstatement	January 1, 2014
Most recent amendment	October 26, 2015

Definitions

Accrued benefit

Flat Dollar Formula

For Kimble employees, dollar per month amount is limited to an increase of 4.00% (compounded annually) from the expiration date of the collective bargaining agreement in effect as of:

- March 31, 1999 for Chicago Heights associates
- December 31, 1993 for all other associates.

For all other participants, dollar amount varies. See table following Plan Provisions.

Cash Balance Formula

Beginning in 2011, all new hires and rehires for the GMP and USW employees will be in the cash balance retirement plan. The cash balance amounts will be based on service (see pay credits below).

- Participants hired after April 1, 2011 for GMP collectively bargained associates.
- Participants hired after September 1, 2011 for USW collectively bargained associates.

Average Annual Earnings

For Kontes employees, the average of total earnings for all plan years of active participation, excluding plan years prior to 1983, with this average limited to an increase of 6.50% (compounded annually) based on the average earnings as of December 31, 1993.

For Treidler Owens, Inc. employees, the average of the highest consecutive 5 years in the last 10 years.

For Cash Balance participants, total taxable wages plus any pre-tax dollars the employee contributes toward any 401(k) plan and/or a flexible benefits plan. Pay does not include any relocation payments, tax gross-ups, prizes or gifts, rebates, bonus or incentive payments, or any form of indirect compensation.

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Credited Service	<p>Total service as an hourly employee of OI and Brockway calculated from Retirement Eligibility Date.</p> <p>For calculation of benefits for Kimble and Kontes employees, total service until a termination of employment as an hourly employee but frozen as of:</p> <ul style="list-style-type: none">■ March 31, 1999 for Chicago Heights associates■ December 31, 1993 for all other associates■ If rehired by Kimble or Kontes, employee does NOT re-enter DB Plan. <p>For calculation of benefits for ILWU employees, total service as an hourly employee starting January 1, 2014.</p>
Normal Retirement Age	Age 65.
Vested Service	Total service from service date or Retirement Eligibility Date.
Normal Retirement	
Eligibility	Age 65.
Benefit	The Accrued benefit.
Early Retirement Benefit	
Eligibility	Dependent on employee's location. Age 55 with 10 or more years of Credited Service or attained age 60, for most locations.
Benefit	Accrued benefit payable at the participant's Normal Retirement Age, or a reduced amount is payable from a date after which the participant has attained early retirement eligibility. The reduction is 6% per year from age 60, or unreduced if the participant has 30 years of service at most locations.
Vested Benefits	
Eligibility	Five or more years of Vested Service, for Flat Dollar employees; three or more years of Vested Service for Cash Balance employees.

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Disability Benefit

Eligibility	Dependent on employee's location. After 10 years of service for most locations.
Benefit	The Accrued Benefit or Cash Balance at date of disability or one year after last day worked if prior to date of disability.

Preretirement Death Benefit

Spouse's Income Benefit	Various eligibility conditions.
Spouse's Survivor Annuity	Various benefits based on location.
Lump Sum Benefit	(i) Eligibility: Any active participant with a Cash Balance benefit. (ii) Benefit: The available Cash Balance amount.

Forms of Payment

Normal Form	Single Participant: Life Annuity or 6 year certain and continuous annuity for Glass Container Pattern plans. Married Participant: Actuarial equivalent 50% Joint and Survivor annuity.
Optional Form	5 or 6 year certain and continuous level income options are available at most locations. Life Annuity, 66-2/3%, 75%, 100% Joint & Survivor options at most locations

Pay Credits

Pay credits are based on service as detailed below:

- 3% of pay for participants with 0 - 8 years of service.
- 3.5% of pay for participants with 9 - 15 years of service.
- 4% of pay for participants with 16 or more years of service.

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SCHEDULE SB ATTACHMENTS

Other Plan Provisions

The Accrued Benefit formula for Kontes Glass Company Employees is a career average pay formula. The benefit formula is 1.0% of career average pay plus 0.65% of career average pay in excess of Covered Compensation multiplied by up to 35 years of Credited Service.

The Accrued Benefit formula for Brockway Non-Union employees is 1.5% of base pay in effect for the first payroll cycle paid during the plan year in each calendar year of Credited Service (since June 1, 1984).

The Accrued Benefit formula for Specialty Packaging Products, Inc., Non-Union employees is 1.2% of base pay in effect for the first payroll cycle paid during the plan year for each calendar year.

For an active employee on August 11, 1990, the Accrued Benefit can be no less than the greatest of (i), (ii), (iii), or (iv), as applicable, minus (v) below. If credited service is at least:

- (i) 23.00 years at August 11, 1990;
\$300.00 minimum benefit.
- (ii) 23.00 years at January 1, 1993;
\$300.00 minimum benefit.
- (iii) 25.00 years at August 11, 1990;
\$325.00 minimum benefit.
- (iv) 25.00 years at January 1, 1991;
\$325.00 minimum benefit.
- (v) \$10.00 for each full or partial year which termination, death or retirement precedes normal retirement date.

The Accrued Benefit formula for Treidler Owens, Inc. is 35% of Average Annual Earnings reduced proportionately for Credited Service less than 25 years.

Additional Provisions Recognized for Pension Cost Basis

Future benefit level increases for active participants were anticipated in determining service cost and pension benefit obligations but not in calculating accumulated benefit obligations.

Change in Plan Provisions Since the Prior Year

None.

Plan Name: Ninth Amended and Restated Hourly Retirement Plan
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Plan Sponsor: Owens-Illinois, Inc.
Valuation Date: January 1, 2016

SCHEDULE SB ATTACHMENTS

O-I Hourly Plans						
Schedule of Current and Ultimate Benefit Levels for the January 1, 2016 Valuation						
Location	Union	Location Description	Labor Grade	1/1/2016 Benefit Level	Ultimate Benefit Level	Contract End Date ¹
Entity 0101 - Corporate						
1818	40,41,42	Vineland, NJ (plant 31)	1-10,11-15,16+	28.00-29.00- 30.00	28.00-29.00- 30.00	frozen - 10-31-2002
1818	70	Vineland, NJ (plant 31)	1-10,11-15,16+	31.00-32.00- 33.00	31.00-32.00- 33.00	frozen - 10-31-2001
1818	10	Chicago Heights, IL (plant 33)	1-10,11-15,16+	38.00-39.00- 40.00	38.00-39.00- 40.00	frozen - 4-1-2005
1818	40	Chicago Heights, IL (plant 33)	1-10,11-15,16+	40.00-40.00- 40.00	40.00-40.00- 40.00	frozen - 9-1-2005
Entity 0111 - Glass Container						
0023	70 (IAM)	Los Angeles, CA	1-10,11-15,16+	56.00-57.00- 58.00	57.00-58.00- 59.00 ⁵	10/31/2016
0020 ²	A006 (ILWU)	Oakland, CA	1-10,11-15,16+	56.00-57.00- 58.00	56.00-57.00- 58.00	Closed 10/5/2015
Multiple ³	10(GMP-P&M)	Multiple ³	1-10,11-15,16+	56.00-57.00- 58.00	56.00-57.00- 58.00	3/31/2016
Multiple ⁴	20 (GMP-AMD)	Multiple ⁴	1-10,11-15,16+	56.00-57.00- 58.00	56.00-57.00- 58.00	3/31/2016
Multiple ⁴	40 (USW)	Multiple ⁴	1-10,11-15,16+	56.00-57.00- 58.00	57.00-58.00- 59.00 ^{4,5}	8/31/2016

¹ Recalcs for new retirees under this contract for the GMP and USW unions only.

² Service for benefit accrual purposes begins on the later of hire date or January 1, 2014.

³ 006 Winston-Salem, NC; 0009 Streator, IL; 0010 Atlanta, GA; 0015 Waco, TX; 0017 Clarion, PA; 0020 Oakland, CA; 0021 Portland, OR; 0022 Tracy, CA; 0023 Los Angeles, CA; 0025 Volney, NY; 0026 Toano, VA; 0103 Muskogee, OK; 0108 Lapel, IN; 0112 Zanesville, OH; 0118 Brockway, PA; 0119 Crenshaw, PA; 0129 Danville, VA; 0176 Brockway Machine Shop, PA.

⁴ 006 Charlotte, MI; 0006 Winston-Salem, NC; 0009 Streator, IL; 0010 Atlanta, GA; 0015 Waco, TX; 0017 Clarion, PA; 0020 Oakland, CA; 0021 Portland, OR; 0022 Tracy, CA; 0023 Los Angeles, CA; 0025 Volney, NY; 0026 Toano, VA; 0103 Muskogee, OK; 0108 Lapel, IN; 0112 Zanesville, OH; 0118 Brockway, PA; 0119 Crenshaw, PA; 0129 Danville, VA.

⁵ Increase of \$1 in Year 3 of USW contract is future-service only.

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