

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 6047(e), 6057(b), and 6058(a) of the Internal Revenue Code (the Code). <p style="text-align: center;">▶ Complete all entries in accordance with the instructions to the Form 5500.</p>	OMB Nos. 1210-0110 1210-0089 2013 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2013 or fiscal plan year beginning <u>01/01/2013</u> and ending <u>12/31/2013</u>	
A This return/report is for:	☐ a multiemployer plan; ☐ a multiple-employer plan; or ☒ 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>PENSION PLAN FOR NON-SALARIED EMPLOYEES OF VANTICO, INC. AT EAST LANSING, MI</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1b Three-digit plan number (PN) ▶</td> <td style="width: 20%; text-align: center;"><u>003</u></td> </tr> <tr> <td colspan="2">1c Effective date of plan <u>02/14/1980</u></td> </tr> </table>	1b Three-digit plan number (PN) ▶	<u>003</u>	1c Effective date of plan <u>02/14/1980</u>					
1b Three-digit plan number (PN) ▶	<u>003</u>								
1c Effective date of plan <u>02/14/1980</u>									
2a Plan sponsor's name and address; include room or suite number (employer, if for a single-employer plan) <u>HUNTSMAN ADVANCED MATERIALS AMERICAS LLC</u> <u>10003 WOODLOCH FOREST DRIVE</u> <u>THE WOODLANDS, TX 77380</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">2b Employer Identification Number (EIN) <u>52-2215309</u></td> </tr> <tr> <td colspan="2">2c Sponsor's telephone number <u>281-719-6000</u></td> </tr> <tr> <td colspan="2">2d Business code (see instructions) <u>325200</u></td> </tr> <tr> <td colspan="2" style="height: 40px;"></td> </tr> </table>	2b Employer Identification Number (EIN) <u>52-2215309</u>		2c Sponsor's telephone number <u>281-719-6000</u>		2d Business code (see instructions) <u>325200</u>			
2b Employer Identification Number (EIN) <u>52-2215309</u>									
2c Sponsor's telephone number <u>281-719-6000</u>									
2d Business code (see instructions) <u>325200</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	<u>Filed with authorized/valid electronic signature.</u>		
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
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. (optional)			Preparer's telephone number (optional)

3a Plan administrator's name and address ☒ Same as Plan Sponsor Name ☐ Same as Plan Sponsor Address		3b Administrator's EIN	
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		3c Administrator's telephone number 4b EIN 4c PN	
5 Total number of participants at the beginning of the plan year		5	74
6 Number of participants as of the end of the plan year (welfare plans complete only lines 6a , 6b , 6c , and 6d).			
a Active participants		6a	26
b Retired or separated participants receiving benefits		6b	18
c Other retired or separated participants entitled to future benefits.....		6c	26
d Subtotal. Add lines 6a , 6b , and 6c		6d	70
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits		6e	3
f Total. Add lines 6d and 6e		6f	73
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)		6g	
h Number of participants that terminated employment during the plan year with accrued benefits that were less than 100% vested		6h	3
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 3H			
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	
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) ☐ A (Insurance Information) (4) ☐ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)	

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 2013 This Form is Open to Public Inspection
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For calendar plan year 2013 or fiscal plan year beginning 01/01/2013 and ending 12/31/2013

▶ **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>PENSION PLAN FOR NON-SALARIED EMPLOYEES OF VANTICO, INC. AT EAST LANSING, MI</u>	B Three-digit plan number (PN) ▶ <u>003</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>HUNTSMAN ADVANCED MATERIALS AMERICAS LLC</u>	D Employer Identification Number (EIN) <u>52-2215309</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>2013</u>
2	Assets:
a	Market value 2a <u>5569898</u>
b	Actuarial value 2b <u>5510219</u>
3	Funding target/participant count breakdown:
a	For retired participants and beneficiaries receiving payment..... 3a <u>27</u> <u>2693966</u>
b	For terminated vested participants..... 3b <u>23</u> <u>618074</u>
c	For active participants:
(1)	Non-vested benefits 3c(1) <u>0</u>
(2)	Vested benefits 3c(2) <u>2315185</u>
(3)	Total active..... 3c(3) <u>34</u> <u>2315185</u>
d	Total..... 3d <u>84</u> <u>5627225</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>6.38 %</u>
6	Target normal cost..... 6 <u>128133</u>

Statement by Enrolled Actuary

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

SIGN HERE	
Signature of actuary	Date
<u>JOHN J. TOSLOSKY</u>	<u>14-04685</u>
Type or print name of actuary	Most recent enrollment number
<u>TOWERS WATSON PENNSYLVANIA INC.</u>	<u>303-391-1200</u>
Firm name	Telephone number (including area code)
<u>555 17TH STREET, SUITE 2050</u> <u>DENVER, CO 80202</u>	
Address of the firm	

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

For Paperwork Reduction Act Notice and OMB Control Numbers, see the instructions for Form 5500 or 5500-SF.

Schedule SB (Form 5500) 2013
v. 130118

Part II Beginning of Year Carryover and Prefunding Balances		
	(a) Carryover balance	(b) Prefunding balance
7 Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	0
8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9 Amount remaining (line 7 minus line 8)		
10 Interest on line 9 using prior year's actual return of <u>13.13</u> %		
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year)		365665
b Interest on (a) using prior year's effective interest rate of <u>7.09</u> % except as otherwise provided (see instructions)		25926
c Total available at beginning of current plan year to add to prefunding balance		391591
d Portion of (c) to be added to prefunding balance		125000
12 Other reductions in balances due to elections or deemed elections		
13 Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	125000

Part III Funding Percentages		
14 Funding target attainment percentage	14	95.69 %
15 Adjusted funding target attainment percentage	15	95.69 %
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	96.78 %
17 If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and Liquidity Shortfalls					
18 Contributions made to the plan for the plan year by employer(s) and employees:					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
04/12/2013	50000				
07/12/2013	50000				
10/14/2013	50000				
01/15/2014	50000				
09/15/2014	55000				
			Totals ►	18(b)	255000
				18(c)	

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:		
a Contributions allocated toward unpaid minimum required contributions from prior years.	19a	
b Contributions made to avoid restrictions adjusted to valuation date	19b	
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	241574
20 Quarterly contributions and liquidity shortfalls:		
a Did the plan have a "funding shortfall" for the prior year? ☒ Yes ☐ No		
b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☒ Yes ☐ No		
c If line 20a is "Yes," see instructions and complete the following table as applicable:		

Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th
0	0	0	0

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

21 Discount rate:			
a Segment rates:	1st segment: 4.94%	2nd segment: 6.15%	3rd segment: 6.76 %
			☐ 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	
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a).....	29	
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	30	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6).....		31a	128133
b Excess assets, if applicable, but not greater than line 31a		31b	
32 Amortization installments:	Outstanding Balance		Installment
a Net shortfall amortization installment.....	242006		66964
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	195097
	Carryover balance	Prefunding balance	Total balance
35 Balances elected for use to offset funding requirement.....			
36 Additional cash requirement (line 34 minus line 35).....		36	195097
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....		37	241574
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)		38a	46477
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	

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
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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
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plan sponsor**c** EIN-PN

SCHEDULE I (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information—Small Plan 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.	OMB No. 1210-0110
		2013
		This Form is Open to Public Inspection

For calendar plan year 2013 or fiscal plan year beginning 01/01/2013 and ending 12/31/2013		
A Name of plan PENSION PLAN FOR NON-SALARIED EMPLOYEES OF VANTICO, INC. AT EAST LANSING, MI	B Three-digit plan number (PN) ►	003
C Plan sponsor's name as shown on line 2a of Form 5500 HUNTSMAN ADVANCED MATERIALS AMERICAS LLC	D Employer Identification Number (EIN) 52-2215309	

Complete Schedule I if the plan covered fewer than 100 participants as of the beginning of the plan year. You may also complete Schedule I if you are filing as a small plan under the 80-120 participant rule (see instructions). Complete Schedule H if reporting as a large plan or DFE.

Part I	Small Plan Financial Information
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Report below the current value of assets and liabilities, income, expenses, transfers and changes in net assets during the plan year. Combine the value of plan assets held in more than one trust. Do not enter the value of the portion of an insurance contract that guarantees during this plan year to pay a specific dollar benefit at a future date. 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.**

1 Plan Assets and Liabilities:		(a) Beginning of Year	(b) End of Year
a Total plan assets	1a	5228940	5939297
b Total plan liabilities	1b		
c Net plan assets (subtract line 1b from line 1a)	1c	5228940	5939297
2 Income, Expenses, and Transfers for this Plan Year:		(a) Amount	(b) Total
a Contributions received or receivable:			
(1) Employers.....	2a(1)	500000	
(2) Participants.....	2a(2)		
(3) Others (including rollovers)	2a(3)		
b Noncash contributions	2b		
c Other income.....	2c	703016	
d Total income (add lines 2a(1), 2a(2), 2a(3), 2b, and 2c)	2d		1203016
e Benefits paid (including direct rollovers)	2e	492659	
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions).....	2g		
h Administrative service providers (salaries, fees, and commissions)	2h		
i Other expenses	2i		
j Total expenses (add lines 2e, 2f, 2g, 2h, and 2i).....	2j		492659
k Net income (loss) (subtract line 2j from line 2d)	2k		710357
l Transfers to (from) the plan (see instructions)	2l		

3 Specific Assets: If the plan held assets at anytime during the plan year in any of the following categories, check "Yes" and enter the current value of any assets remaining in the plan as of the end of the plan year. Allocate the value of the plan's interest in a commingled trust containing the assets of more than one plan on a line-by-line basis unless the trust meets one of the specific exceptions described in the instructions.		Yes	No	Amount
a Partnership/joint venture interests	3a		X	
b Employer real property	3b		X	
c Real estate (other than employer real property).....	3c		X	
d Employer securities	3d		X	
e Participant loans.....	3e		X	

	Yes	No	Amount
3f Loans (other than to participants)		X	
3g Tangible personal property		X	

Part II Compliance Questions

4 During the plan year:	Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)		X	
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of plan year or classified during the year as uncollectible? Disregard participant loans secured by the participant's account balance.		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible?		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a.)		X	
e Was the plan covered by a fidelity bond?	X		20000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		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?		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?		X	
i Did the plan at any time hold 20% or more of its assets in any single security, debt, mortgage, parcel of real estate, or partnership/joint venture interest?		X	
j Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		X	
k Are you claiming a waiver of the annual examination and report of an independent qualified public accountant (IQPA) under 29 CFR 2520.104-46? If "No," attach an IQPA's report or 2520.104-50 statement. (See instructions on waiver eligibility and conditions.)	X		
l Has the plan failed to provide any benefit when due under the plan?		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		X	
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		X	

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

Part III Trust Information (optional)

6a Name of trust	6b Trust's EIN

<div>SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</div>		<div>Retirement Plan Information</div> <div>This schedule is required to be filed under section 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code).</div> <div>▶ File as an attachment to Form 5500.</div>		<div>OMB No. 1210-0110</div> <div>2013</div> <div>This Form is Open to Public Inspection.</div>	
For calendar plan year 2013 or fiscal plan year beginning 01/01/2013 and ending 12/31/2013					
A Name of plan PENSION PLAN FOR NON-SALARIED EMPLOYEES OF VANTICO, INC. AT EAST LANSING, MI				B Three-digit plan number (PN) ▶	003
C Plan sponsor's name as shown on line 2a of Form 5500 HUNTSMAN ADVANCED MATERIALS AMERICAS LLC				D Employer Identification Number (EIN) 52-2215309	
Part I Distributions					
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	0
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): _____					
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	1
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)					
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					
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					
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.					
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 and OMB Control Numbers, see the instructions for Form 5500.				Schedule R (Form 5500) 2013 v. 130118	

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

- 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: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%

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): _____

Attachment to the 2013 Schedule SB (Form 5500)
Pension Plan for Non-Sal EEs at East Lansing, MI
EIN: 52-2215309 PN: 003
Schedule SB, Part V – Summary of Plan Provisions

Plan Provisions

The most recent amendment reflected in the following plan provisions was adopted on November 29, 2011.

Covered Employees	Employees covered by the International Union, United Automobile, Aerospace and Agricultural Implement Workers of America, AFL-CIO, and Local No. 724, Ciba Specialty Chemicals Corporation Unit.
Participation Date	Upon date of employment.

Definitions

Vesting service	Vesting service will be credited according to the following schedule: <table><tr><th><i>Hours Worked During Calendar Year</i></th><th><i>Service Credited</i></th></tr><tr><td>0 – 79</td><td>0.1</td></tr><tr><td>80 – 279</td><td>0.2</td></tr><tr><td>280 – 479</td><td>0.3</td></tr><tr><td>480 – 679</td><td>0.4</td></tr><tr><td>680 – 879</td><td>0.5</td></tr><tr><td>880 – 990</td><td>0.6</td></tr><tr><td>1,000 or more</td><td>1.0</td></tr></table>	<i>Hours Worked During Calendar Year</i>	<i>Service Credited</i>	0 – 79	0.1	80 – 279	0.2	280 – 479	0.3	480 – 679	0.4	680 – 879	0.5	880 – 990	0.6	1,000 or more	1.0
<i>Hours Worked During Calendar Year</i>	<i>Service Credited</i>																
0 – 79	0.1																
80 – 279	0.2																
280 – 479	0.3																
480 – 679	0.4																
680 – 879	0.5																
880 – 990	0.6																
1,000 or more	1.0																
Pension service	Years and months of service as a covered employee																
Pensionable pay	Regular salary, overtime, shift differential, incentive plan payouts and elective deferrals.																
Social Security benefit	The projected amount of the participant's primary Social Security benefit according to the law in effect at the date of termination of employment assuming continuation of then current earnings to age 65																
Normal retirement date (NRD)	First of month coinciding with or next following the attainment of age 65 with five years of pension service																
Monthly pension benefit	The frozen normal monthly retirement benefit as of August 31, 2006 shall be equal to the product of the years of Credited Service multiplied by the applicable Pension Rate based on the Participant's Wage Classification in effect 18 months prior to August 31, 2006. In the event of a reduction of the participant's wage classification within three years of September 1, 2006 the prior wage classification will be used to calculate the monthly pension benefit.																

Attachment to the 2013 Schedule SB (Form 5500)
Pension Plan for Non-Sal EEs at East Lansing, MI
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Schedule SB, Part V – Summary of Plan Provisions

<i>Wage Classification</i>	<i>Pension Rate</i>
Production 1	\$44.57
Production 2	48.89
Production 3	50.36
Production 4	51.89
Maintenance 1	51.33
Maintenance 2	54.06
Maintenance 3	58.11
Maintenance 4	61.48

The normal monthly retirement benefit for service after August 31, 2006 shall be equal to the product of the years of Credited Service after August 31, 2006 multiplied by \$44.00.

Eligibility for Benefits

Normal retirement	Retirement on NRD
Early retirement	Retirement before NRD and on or after both attaining age 55 and completing ten years of vesting service
Supplemental early retirement benefit	Eligible for early retirement and terminates between ages 60 and NRD
Postponed retirement	Retirement after NRD
Vested termination	Termination for reasons other than death, disability, or retirement after completing five years of vesting service
Disability	Termination due to permanent and total disability after completing ten years of vesting service.
Preretirement death benefit	Death of an active employee with a surviving spouse or a beneficiary.

Attachment to the 2013 Schedule SB (Form 5500)
Pension Plan for Non-Sal EEs at East Lansing, MI
EIN: 52-2215309 PN: 003
Schedule SB, Part V – Summary of Plan Provisions

Benefits Paid Upon the Following Events

Normal retirement	Monthly pension benefit determined as of NRD.
Early retirement	Monthly pension benefit determined as of actual retirement date or monthly pension benefit as of NRD. The amount of the August 31, 2006 frozen benefit is reduced based on age by the factor listed below.

<i>Age When Benefits Commence</i>	<i>Percentage</i>
55	57.9%
56	63.5
57	69.4
58	75.2
59	80.8
60	86.7
61	93.3
62 or over	100.0

	The monthly pension benefit for service after August 31, 2006 is reduced 3% per year from age 62.
Postponed retirement	Monthly pension benefit determined as of actual retirement date reduced by the actuarial equivalent amount of benefits already received.
Vested termination	Monthly pension benefit determined as of termination date, reduced actuarially for each year of payment the benefit commencement date precedes the participant's NRD. Only payable before NRD if employee is age 55 with 10 years of vesting service.
Disablement	An eligible Participant's monthly disability retirement benefit shall be equal to his Accrued Benefit adjusted for date of commencement plus \$3.00 times Credited Service.
Death with preretirement spouse benefits:	
Surviving spouse	60% of monthly pension benefit determined as of the date of death payable as a 60% joint and survivor form of income payable immediately.

Attachment to the 2013 Schedule SB (Form 5500)
Pension Plan for Non-Sal EEs at East Lansing, MI
EIN: 52-2215309 PN: 003
Schedule SB, Part V – Summary of Plan Provisions

Beneficiary	<p>If participant had more than 0.3 years of service, but less than 2 years, the beneficiary will receive one-half the participant's Average Annual Compensation payable immediately.</p> <p>If the participant had at least two years of service, the beneficiary will receive the participant's Average Annual Compensation payable immediately.</p>
-------------	--

Other Plan Provisions

Forms of payment	Preretirement spouse benefits are payable only as described above. Monthly pension benefits are paid as a life annuity, contingent annuity, certain and life annuity or lump sum.
Actuarial Equivalence	Converts optional forms of payment to the same actuarial present value as the benefit it replaces, based on an interest rate of 6.0% per year compounded annually and the 1971 TPF&C Forecast Mortality Table using 5/6th male rates and 1/6th female rates.
Pension Increases	None
Plan participants' contributions	None
Maximum on benefits and pay	All benefits and pay for any calendar year may not exceed the maximum limitations for that year as defined in the Internal Revenue Code. The plan provides for increasing the dollar limits automatically as such changes become effective.

Future Plan Changes

No future plan changes were recognized in determining pension cost or in determining minimum and maximum contributions.

Changes in Benefits Valued Since Prior Year

Statutory pay and benefit limits were increased.

Attachment to the 2013 Schedule SB (Form 5500)
Pension Plan for Non-Sal EEs at East Lansing, MI
EIN: 52-2215309 PN: 003
Schedule SB, Line 26 – Schedule of Active Participant Data

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.	Avg.	No.	Avg.	No.	Avg.	No.	Avg.	No.	Avg.	No.	Avg.	No.	Avg.	No.	Avg.	No.	Avg.	No.	Avg.
Under 25	0		0		0		0		0		0		0		0		0		0	
25 - 29	0		0		0		0		0		0		0		0		0		0	
30 - 34	0		0		0		0		0		0		0		0		0		0	
35 - 39	0		0		1		0		1		0		0		0		0		0	
40 - 44	0		0		0		1		1		0		0		0		0		0	
45 - 49	0		0		0		4		2		3		2		0		0		0	
50 - 54	0		0		0		2		3		2		0		0		1		0	
55 - 59	0		0		0		0		1		1		2		0		2		0	
60 - 64	0		0		0		1		2		0		1		0		1		0	
65 - 69	0		0		0		0		0		0		0		0		0		0	
70 & Over	0		0		0		0		0		0		0		0		0		0	

Attachment to the 2013 Schedule SB (Form 5500)
Pension Plan for Non-Sal EEs at East Lansing, MI
EIN: 52-2215309 PN: 003

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

Actuarial Assumptions and Methods — Contributions

Economic Assumptions

Interest rate basis:

- ▶ Applicable month
- ▶ Yield curve basis

September 2012
IRC 430 Funding Segment
Rates (24-month average)

Interest rates:

- ▶ First segment rate - 10-year rate
- ▶ Second segment rate - 20-year rate
- ▶ Third segment rate - 30-year rate
- ▶ Effective interest rate

Reflecting Corridors	Not Reflecting Corridors
4.94%	1.75%
6.15%	4.62%
6.76%	5.72%
6.38%	5.05%

Annual rates of increase

- ▶ Salaries
- ▶ Statutory limits on compensation

3.50%
2.50%

Demographic Assumptions

Inclusion date

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

Mortality

Separate rates for non-annuitants (based on RP-2000 "Employees" table without collar or amount adjustments, projected to 2028 using Scale AA) and annuitants (based on RP-2000 "Healthy Annuitants" table without collar or amount adjustments, projected to 2020 using Scale AA).

Attachment to the 2013 Schedule SB (Form 5500)

Pension Plan for Non-Sal EEs at East Lansing, MI

EIN: 52-2215309 PN: 003

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

Termination

Rates varying by age and gender. Termination Table T-3 from the Actuary's Handbook for males. Termination Table T-3 from the Actuary's Handbook setback five years for females.

Sample Termination Rates

Percentage leaving during the year

Attained Age	Males	Females
25	5.27%	6.58%
40	3.84%	4.47%
55	0.33%	1.52%

Disability

None

Retirement

Rates varying by age.

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 retiring during the year

Age	Rate
60	30%
61	30%
62	50%
63	20%
64	20%
65	100%

Benefit commencement date:

- ▶ Preretirement death benefit: Surviving spouse beneficiary benefits commence at the later of the death of the active participant or the date the participant would have been eligible for early retirement.
- ▶ Deferred vested benefit: Normal retirement date
- ▶ Disability benefit: Upon disablement
- ▶ Retirement benefit: Upon termination of employment

Form of payment

Lump Sum: 100% of participants are assumed to elect a lump sum form of payment under the plan when eligible. Lump sums were valued using the substitution of annuity form under

Attachment to the 2013 Schedule SB (Form 5500)

Pension Plan for Non-Sal EEs at East Lansing, MI

EIN: 52-2215309 PN: 003

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

	IRS Regulation 1.430(d)-1(f)(4) with application of generational mortality and with recognition of the phase-in of IRC §417(e)(3) assumptions.
Percent married	80%
Spouse age	Wife two years younger than husband.
Administrative expenses	Equal to actual 2012 plan expenses excluding investment management fees (\$50,000).
At-risk assumptions	For at-risk calculations, all participants eligible to elect benefits during the current and subsequent ten plan years are assumed to commence benefits at the earliest possible date under the plan, but not before the end of the current plan year, except in accordance with the regular valuation assumptions. In addition, all participants (not just those eligible to begin benefits within the next 11 years) are assumed to elect the most valuable form of benefit under the plan, which is usually the lump sum form of payment.
Cash flow	
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.

Methods

Valuation date	First day of plan year
Funding target	Present value of accrued benefits The IRC §430 regulations describe the required methodology for attributing benefits among Funding Target, current year Target Normal Cost, and future years' Target Normal Costs for disability benefits, Social Security benefits, death benefits and other ancillary benefits. For most such benefits, the required attribution methodology is clear.
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
Actuarial value of assets	Average of the fair market value of assets on the valuation date and the two immediately preceding valuation dates, adjusted for contributions, benefits, administrative expenses and expected earnings not in excess of the average of the third segment rates for the 24-month period ending with the month preceding the month containing the valuation date. The average asset value must be within 10% of fair value, including contributions receivable.

Attachment to the 2013 Schedule SB (Form 5500)

Pension Plan for Non-Sal EEs at East Lansing, MI

EIN: 52-2215309 PN: 003

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

Benefits not valued

All benefits described in the Plan Provisions section of this report were valued except the disability benefit. Based on discussions with Huntsman, 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. Towers Watson has reviewed the plan provisions with Huntsman and, based on that review, is not aware of any significant benefits required to be valued that were not.

Change in assumptions and methods since prior valuation

The required mortality table used to calculate the funding target and target normal cost was updated to include one additional year of projected mortality improvements.

The funding interest rates were updated to reflect the applicable segment rates and MAP-21 corridor rates published by the IRS for the 2013 valuation.

The spousal age difference was changed from wives being four years younger than husbands to wives being two years younger.

The statutory pay limit increase assumption and inflation component of salary scale was decreased from 3.00% to 2.50%.

Attachment to the 2013 Schedule SB (Form 5500)
Pension Plan for Non-Sal EEs at East Lansing, MI
EIN: 52-2215309 PN: 003
Schedule SB, Line 32 – Schedule of Amortization Bases

Type of Base		Date Established	Initial Amount	Remaining Amortization Period (Years)	Outstanding Balance	Amortization Payment
1	Shortfall	01/01/2013	122,557	7	122,557	20,454
2	Shortfall	01/01/2012	(732,232)	6	(657,790)	(124,278)
3	Shortfall	01/01/2011	1,038,041	5	777,239	170,788
Total					242,006	66,964

Attachment to the 2013 Schedule SB (Form 5500)
Pension Plan for Non-Sal EEs at East Lansing, MI
EIN: 52-2215309 PN: 003
Schedule SB, Line 24 – Change in Actuarial Assumptions

The spousal age difference was changed from wives being three years younger than husbands to wives being two years younger.

The statutory pay limit increase assumption and inflation component of salary scale was decreased from 3.00% to 2.50%.

Attachment to the 2013 Schedule SB (Form 5500)
Pension Plan for Non-Sal EEs at East Lansing, MI
EIN: 52-2215309 PN: 003
Schedule SB – Statement by Enrolled Actuary

Plan Sponsor: Huntsman Advanced Materials Americas Inc.

Valuation date: January 1, 2013

Enrolled Actuary: John J. Toslosky

Enrolled Number: 14-04685

The actuarial assumptions that are not mandated by IRC 430 and regulations, represent the enrolled actuary's best estimate of anticipated experience under the plan, subject to the following conditions:

The actuarial valuation, on which the information in this Schedule SB is based, has been prepared in reliance upon the employee and financial data furnished by the plan administrator and the trustee. The enrolled actuary has not made a rigorous check of the accuracy of this information but has accepted it after reviewing it and concluding it is reasonable in relation to similar information furnished in previous years. The amounts of contributions and dates paid shown in Item 18 of Schedule SB were listed in reliance on information provided by the plan administrator and/or trustee.

Attachment to the 2013 Schedule SB (Form 5500)

Pension Plan for Non-Sal EEs at East Lansing, MI

EIN: 52-2215309 PN: 003

Schedule SB, Line 22 – Description of Weighted Average Retirement Age

Methodology Used to Compute the Weighted Average Retirement Age

(1)	(2)	(3)	(4)	(5)
Age	Exposure	Retirement Rate Decrement	Number Retired at Age (2) * (3)	(1) * (4)
60	1,000	30%	300	18,000
61	700	30%	210	12,810
62	490	50%	245	15,190
63	245	20%	49	3,087
64	196	20%	39	2,496
65	157	100%	157	10,205
				61,788

Weighted Average Age at Retirement: /1000 62

Form 5500Department of the Treasury
Internal Revenue ServiceDepartment 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 6047(e), 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**2013****This Form is Open to Public Inspection****Part I Annual Report Identification Information**For calendar plan year 2013 or fiscal plan year beginning **01/01/2013** and ending **12/31/2013**

- A** This return/report is for: ☒ a multiemployer plan; ☐ a multiple-employer plan; or
☒ 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
PENSION PLAN FOR NON-SALARIED EMPLOYEES OF VANTICO, INC. AT EAST LANSING, MI**1b** Three-digit plan number (PN) ► **003****1c** Effective date of plan
02/14/1980**2a** Plan sponsor's name and address; include room or suite number (employer, if for a single-employer plan)**HUNTSMAN ADVANCED MATERIALS AMERICAS LLC****2b** Employer Identification Number (EIN)
52-2215309**2c** Sponsor's telephone number
281-719-6000**2d** Business code (see instructions)
325200**10003 WOODLOCH FOREST DRIVE****THE WOODLANDS****TX 77380****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		10/15/14	MARK CORDINGLY
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE		10/16/14	MARK CORDINGLY
	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. (optional)			Preparer's telephone number (optional)

For Paperwork Reduction Act Notice and OMB Control Numbers, see the instructions for Form 5500.

Form 5500 (2013)
v. 130118

3a Plan administrator's name and address ☒ Same as Plan Sponsor Name ☒ Same as Plan Sponsor Address	3b Administrator's EIN 3c Administrator's telephone number
--	---

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
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5 Total number of participants at the beginning of the plan year	5	74
6 Number of participants as of the end of the plan year (welfare plans complete only lines 6a, 6b, 6c, and 6d).		
a Active participants	6a	26
b Retired or separated participants receiving benefits	6b	18
c Other retired or separated participants entitled to future benefits	6c	26
d Subtotal. Add lines 6a, 6b, and 6c	6d	70
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits	6e	3
f Total. Add lines 6d and 6e	6f	73
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	6g	
h Number of participants that terminated employment during the plan year with accrued benefits that were less than 100% vested	6h	3
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 3H

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) ☐ **A** (Insurance Information)
 (4) ☐ **C** (Service Provider Information)
 (5) ☒ **D** (DFE/Participating Plan Information)
 (6) ☐ **G** (Financial Transaction Schedules)

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 2013 This Form is Open to Public Inspection
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For calendar plan year 2013 or fiscal plan year beginning 01/01/2013 and ending 12/31/2013

- **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 PENSION PLAN FOR NON-SAL EES AT EAST LANSING, MI	B Three-digit plan number (PN) ► <u>003</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF HUNTSMAN ADVANCED MATERIAL AMERICAS INC.	D Employer Identification Number (EIN) 52-2215309
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>1</u> Day <u>1</u> Year <u>2013</u>		
2	Assets:		
	a Market value	2a	5,569,898
	b Actuarial value	2b	5,510,219
3	Funding target/participant count breakdown:	(1) Number of participants	(2) Funding Target
	a For retired participants and beneficiaries receiving payment.....	3a	2,693,966
	b For terminated vested participants.....	3b	618,074
	c For active participants:		
	(1) Non-vested benefits	3c(1)	0
	(2) Vested benefits	3c(2)	2,315,185
	(3) Total active.....	3c(3)	2,315,185
	d Total.....	3d	5,627,225
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	6.38 %
6	Target normal cost	6	128,133

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	John J. Toslosky <div style="text-align: center;"> Signature of actuary </div>	<div style="text-align: center;"> Date </div>
	John J. Toslosky Type or print name of actuary	14-04685 Most recent enrollment number
	Towers Watson Pennsylvania Inc. Firm name	(303) 391-1200 Telephone number (including area code)
	555 17th Street, Suite 2050 Denver CO 80202 Address of the firm	

Part II Beginning of Year Carryover and Prefunding Balances		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	0
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9	Amount remaining (line 7 minus line 8)	0	0
10	Interest on line 9 using prior year's actual return of <u>13.13</u> %		
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		365,665
	b Interest on (a) using prior year's effective interest rate of <u>7.09</u> % except as otherwise provided (see instructions)		25,926
	c Total available at beginning of current plan year to add to prefunding balance		391,591
	d Portion of (c) to be added to prefunding balance		125,000
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	125,000

Part III Funding Percentages			
14	Funding target attainment percentage	14	95.69 %
15	Adjusted funding target attainment percentage	15	95.69 %
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	96.78 %
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and Liquidity Shortfalls					
18 Contributions made to the plan for the plan year by employer(s) and employees:					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
04/12/2013	50,000				
07/12/2013	50,000				
10/14/2013	50,000				
01/15/2014	50,000				
09/15/2014	55,000				
Totals ►			18(b)	255,000	18(c) 0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:	
a Contributions allocated toward unpaid minimum required contributions from prior years	19a
b Contributions made to avoid restrictions adjusted to valuation date	19b
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c 241,574
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: 4.94 %	2nd segment: 6.15 %	3rd segment: 6.76 %
			☐ 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	128,133
b Excess assets, if applicable, but not greater than line 31a		31b	0
32 Amortization installments:		Outstanding Balance	Installment
a Net shortfall amortization installment.....		242,006	66,964
b Waiver amortization installment			0
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount		33	0
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33) ..		34	195,097
	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		195,097
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....	37		241,574
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)		38a	46,477
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances		38b	0
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39		0
40 Unpaid minimum required contributions for all years	40		0

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:			
a Schedule elected		☐ 2 plus 7 years ☐ 15 years	
b Eligible plan year(s) for which the election in line 41a was made		☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011	
42 Amount of acceleration adjustment	42		0
43 Excess installment acceleration amount to be carried over to future plan years	43		0