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

2018

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

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.)
- [X] 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. . . . . ▶ [X]

D Check box if filing under:
- [X] Form 5558
- [ ] automatic extension
- [ ] the DFVC program
- [ ] special extension (enter description)

Part II Basic Plan Information—enter all requested information

1a Name of plan
HUNTSMAN ADVANCED MATERIALS AMERICAS LLC PENSION PLAN FOR NON-SALARIED EMPLOYEES AT MCINTOSH, ALABAMA

1b Three-digit plan number (PN) ▶ 002

1c Effective date of plan 06/01/2000

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)
HUNTSMAN ADVANCED MATERIALS AMERICAS LLC

10003 WOODLOCH FOREST DRIVE
THE WOODLANDS, TX 77380

2b Employer Identification Number (EIN) 52-2215309

2c Plan Sponsor's telephone number 281-719-6000

2d Business code (see instructions) 325200

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.	10/11/2019	MARK CORDINGLY
	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

3a Plan administrator's name and address ☐ Same as Plan Sponsor

HUNSTMAN BENEFITS COMMITTEE

10003 WOODLOCH FOREST DRIVE
THE WOODLANDS, TX 77380

3b Administrator's EIN: 87-0533091

3c Administrator's telephone number: 281-719-6000

4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report:
a Sponsor's name
c Plan Name

4b EIN

4d PN

5 Total number of participants at the beginning of the plan year	**5**	152
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	**6a(1)**	88
a(2) Total number of active participants at the end of the plan year	**6a(2)**	88
b Retired or separated participants receiving benefits	**6b**	40
c Other retired or separated participants entitled to future benefits	**6c**	14
d Subtotal. Add lines **6a(2)**, **6b**, and **6c**	**6d**	142
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	**6e**	10
f Total. Add lines **6d** and **6e**.	**6f**	152
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 who terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	0
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)	☐	0	**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 2018 Form M-1 annual report. If the plan was not required to file the 2018 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 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

2018

This Form is Open to Public Inspection

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

▶ **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
HUNTSMAN ADVANCED MATERIALS AMERICAS LLC PENSION PLAN FOR NON-SALARIED EMPLOYEES AT MCINTOSH, ALABAMA

B Three-digit plan number (PN) ▶ 002

C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF
HUNTSMAN ADVANCED MATERIALS AMERICAS LLC

D Employer Identification Number (EIN)
52-2215309

E Type of plan: [X] Single [ ] Multiple-A [ ] Multiple-B

F Prior year plan size: [ ] 100 or fewer [ ] 101-500 [X] More than 500

Part I Basic Information

1 Enter the valuation date: Month 01 Day 01 Year 2018

2 Assets:

a Market value	**2a**	14271695
b Actuarial value	**2b**	13480541

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	52	7507435	7507435
b For terminated vested participants	14	489112	489112
c For active participants	88	5345123	5576686
d Total	154	13341670	13573233

4 If the plan is in at-risk status, check the box and complete lines (a) and (b) [ ]

a Funding target disregarding prescribed at-risk assumptions	**4a**	
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	**4b**	
5 Effective interest rate	**5**	5.75 %
6 Target normal cost	**6**	390384

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	09/24/2019 Date
DEAN M CRAWFORD (FSA, EA) Type or print name of actuary	17-07158 Most recent enrollment number
WILLIS TOWERS WATSON US LLC Firm name	214-530-4495 Telephone number (including area code)
500 N AKARD ST STE 4100 DALLAS, TX 75201 Address of the firm	

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

Part II Beginning of Year Carryover and Prefunding Balances

		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	0
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9	Amount remaining (line 7 minus line 8)	0	0
10	Interest on line 9 using prior year's actual return of 15.64 %	0	0
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		151626
	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 5.95 %		9022
	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		160648
	d Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	0

Part III Funding Percentages

14	Funding target attainment percentage	14	99.31%
15	Adjusted funding target attainment percentage	15	99.31%
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	100.61%
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
09/13/2019	700000	0			
			Totals ► 18(b)	700000	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	636534

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: 3.92%	2nd segment: 5.52%	3rd segment: 6.29%	☐ 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)

Prior regulation:	☐ Prescribed - combined	☒ Prescribed - separate	☐ Substitute
Current regulation:	☐ 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**	390384
b Excess assets, if applicable, but not greater than line 31a	**31b**	0

32 Amortization installments:	Outstanding Balance	Installment
a Net shortfall amortization installment	92692	15132
b Waiver amortization installment	0	0

33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	**33**	
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)	**34**	405516

	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**	405516
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	**37**	636534
38 Present value of excess contributions for current year (see instructions)		
a Total (excess, if any, of line 37 over line 36)	**38a**	231018
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

SCHEDULE C (Form 5500)	Service Provider Information	OMB No. 1210-0110
Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	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.**	**2018** **This Form is Open to Public Inspection.**

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A Name of plan
HUNTSMAN ADVANCED MATERIALS AMERICAS LLC PENSION PLAN FOR NON-SALARIED EMPLOYEES AT MCINTOSH, ALABAMA

B Three-digit plan number (PN) ▶ 002

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 Service Provider Information (see instructions)

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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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)

(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 ☐

(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 ☐

(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 ☐

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)

(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 ☐

(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 ☐

(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: JOHN J. TOSLOSKY	**b** EIN: 53-0181291	
c Position: ACTUARY		
d Address: 555 17TH STREET, SUITE 2050 DENVER, CO 80202-2831	**e** Telephone: 303-391-1386	

Explanation: DUE TO A CHANGE IN ACTUARY, THE SIGNING ACTUARY, JOHN J. TOSLOSKY, HAS BEEN REPLACED BY DEAN CRAWFORD.

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)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

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

2018

This Form is Open to Public Inspection.

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A Name of plan
HUNTSMAN ADVANCED MATERIALS AMERICAS LLC PENSION PLAN FOR NON-SALARIED EMPLOYEES AT MCINTOSH, ALABAMA

B Three-digit plan number (PN) ▶ 002

C Plan or DFE 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 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)

a Name of MTIA, CCT, PSA, or 103-12 IE: HUNTSMAN GROUP PLANS MASTER TRUST

b Name of sponsor of entity listed in (a): HUNTSMAN INTERNATIONAL LLC

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)
87-0630358-013	M	12863746

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)

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)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

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.**

OMB No. 1210-0110

2018

This Form is Open to Public Inspection

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A Name of plan
HUNTSMAN ADVANCED MATERIALS AMERICAS LLC PENSION PLAN FOR NON-SALARIED EMPLOYEES AT MCINTOSH, ALABAMA

B Three-digit plan number (PN) ▶ 002

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 Asset and Liability Statement

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)	500000	700000
(2) Participant contributions	1b(2)		
(3) Other	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)		
(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)	13791597	12863746
(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)		

			(a) Beginning of Year	(b) End of Year
1d	Employer-related investments:			
	(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	14291597	13563746
	Liabilities			
g	Benefit claims payable	1g		
h	Operating payables	1h	8517	9676
i	Acquisition indebtedness	1i		
j	Other liabilities	1j		
k	Total liabilities (add all amounts in lines 1g through1j)	1k	8517	9676
	Net Assets			
l	Net assets (subtract line 1k from line 1f)	1l	14283080	13554070

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)	700000	
	(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)		700000
b	**Earnings on investments:**			
	(1) Interest:			
	(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
	(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)		0
	(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)		-730870
(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		
d Total income. Add all **income** amounts in column (b) and enter total	2d		-30870
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	698140	
(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)		698140
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)		
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines **2i(1)** through **(4)**	2i(5)		0
j Total expenses. Add all **expense** amounts in column (b) and enter total	2j		698140
Net Income and Reconciliation			
k Net income (loss). Subtract line **2j** from line **2d**	2k		-729010
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)** [X] Disclaimer **(4)** [ ] Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)? [X] Yes [ ] No

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

(1) Name: MELTON & MELTON, LLP **(2)** EIN: 74-1550819

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:

		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.)	4a		X	
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.)	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		30000000
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		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.	4n			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No

If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

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 4163595. (See instructions.)

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

2018

This Form is Open to Public Inspection.

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A Name of plan
HUNTSMAN ADVANCED MATERIALS AMERICAS LLC PENSION PLAN FOR NON-SALARIED EMPLOYEES AT MCINTOSH, ALABAMA

B Three-digit plan number (PN) ▶ 002

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): 23-3060382

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** 0

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**

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):

HUNTSMAN ADVANCED MATERIALS AMERICAS LLC
PENSION PLAN FOR NON-SALARIED EMPLOYEES
AT MCINTOSH, ALABAMA

FINANCIAL STATEMENTS

FOR THE

YEARS ENDED DECEMBER 31, 2018 AND 2017

AND INDEPENDENT AUDITOR'S REPORT

MELTON & MELTON, L.L.P.
CERTIFIED PUBLIC ACCOUNTANTS

HUNTSMAN ADVANCED MATERIALS AMERICAS LLC
PENSION PLAN FOR NON-SALARIED EMPLOYEES
AT MCINTOSH, ALABAMA

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MELTON & MELTON, L.L.P.
CERTIFIED PUBLIC ACCOUNTANTS

INDEPENDENT AUDITOR'S REPORT

To the Investment Committee of
Huntsman Advanced Materials Americas LLC
Pension Plan for Non-Salaried Employees
at McIntosh, Alabama

Report on the Financial Statements

We were engaged to audit the accompanying financial statements of Huntsman Advanced Materials Americas LLC Pension Plan for Non-Salaried Employees at McIntosh, Alabama (the "Plan"), which comprise the statements of net assets available for benefits as of December 31, 2018 and 2017, 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 accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from 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 of America. 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 (DOL) 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 information summarized in Note 5, which was certified by SEI Private Trust Company, the trustee of the Plan, except for comparing such information with the related information included in the financial statements. We have been informed by the plan administrator that the trustee holds the Plan's investment assets and executes investment transactions. The plan administrator has obtained a certification from the trustee as of December 31, 2018 and 2017, and for the years then ended, that the information provided to the plan administrator by the trustee is complete and accurate.

Disclaimer of Opinion

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 Form and Content in Compliance with DOL Rules and Regulations

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

Houston, Texas
September 30, 2019

HUNTSMAN ADVANCED MATERIALS AMERICAS LLC
PENSION PLAN FOR NON-SALARIED EMPLOYEES
AT MCINTOSH, ALABAMA
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
December 31, 2018 and 2017

	2018	2017
ASSETS		
Investments - Plan interest in the Huntsman International LLC Pension Master Trust	$ 12,863,746	$ 13,791,597
Employer contributions receivable	700,000	500,000
Total assets	13,563,746	14,291,597
LIABILITIES		
Accrued expenses	9,676	8,517
Total liabilities	9,676	8,517
Net assets available for benefits	**$ 13,554,070**	**$ 14,283,080**

(See accompanying notes to financial statements)

HUNTSMAN ADVANCED MATERIALS AMERICAS LLC
PENSION PLAN FOR NON-SALARIED EMPLOYEES
AT MCINTOSH, ALABAMA
STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
For the Years Ended December 31, 2018 and 2017

	2018	2017
Additions to Net Assets Attributable to:		
Investment income (loss) - Plan interest in the Huntsman International LLC Pension Master Trust	$ (575,211)	$ 1,837,220
Employer contributions	700,000	500,000
Deductions from Net Assets Attributable to:		
Benefits paid to participants	698,140	696,928
Administrative expenses	155,659	155,452
	853,799	852,380
Change in Net Assets Available for Benefits	(729,010)	1,484,840
Net Assets Available for Benefits at:		
Beginning of year	14,283,080	12,798,240
End of year	**$ 13,554,070**	**$ 14,283,080**

(See accompanying notes to financial statements)

HUNTSMAN ADVANCED MATERIALS AMERICAS LLC
PENSION PLAN FOR NON-SALARIED EMPLOYEES
AT MCINTOSH, ALABAMA
NOTES TO FINANCIAL STATEMENTS
December 31, 2018 and 2017

NOTE 1 - DESCRIPTION OF THE PLAN

The following description of the Huntsman Advanced Materials Americas LLC Pension Plan for Non-Salaried Employees at McIntosh, Alabama (the "Plan") is provided for general information purposes only. Participants should refer to the Plan document for a more complete description of the Plan's provisions.

General

The Plan is a noncontributory defined benefit pension plan covering employees of Huntsman Advanced Materials Americas LLC (the "Company") represented under a collective bargaining agreement with the United Steelworkers (AFL-CIO-CLC) Local 9-562 (the "Union"). The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA). SEI Private Trust Company (SEI) is the Plan's trustee and custodian. Willis Towers Watson is the Plan's actuary, and a committee appointed by the Board of Directors of the Company is the Plan's administrator.

Pension Benefits

Employees represented under the collective bargaining agreement with the Union are eligible to participate in the Plan on the first day of the month coinciding with or next following the completion of 1,000 hours of service in a year. Participants with five or more years of participation in the Plan are entitled to monthly pension benefits beginning at normal retirement age of 65 equal to an amount determined by multiplying the participant's total credited years of participation in the Plan by the applicable benefit rate, which is negotiated by the Union. The Plan permits early retirement for participants with fifteen years of continuous service and attainment of age 50. These participants may elect to receive early retirement monthly pension benefits in an amount equal to the calculated retirement income the participant would have been entitled to receive under the normal retirement calculation, reduced by 3% for each year early retirement precedes the attainment of age 62, or elect to defer the monthly pension benefits until normal retirement age. Benefits are payable in the form of a 50% joint and survivor annuity, single life annuity, or other optional forms. If participants terminate before rendering five years of continuous service, they forfeit the right to receive their accumulated plan benefits.

Death and Disability Benefits

Participants who become totally and permanently disabled may elect to receive a monthly pension benefit in an amount equal to their accumulated benefits on their disability retirement date, reduced by an actuarial equivalent in accordance with Plan provisions, or elect to defer their monthly pension benefits until normal retirement age. If a participant with five or more years of service dies, monthly pension benefits are payable to the participant's beneficiary subject to certain limitations, as defined in the Plan.

NOTE 1 - DESCRIPTION OF THE PLAN (CONTINUED)

Funding Policy

The Company's funding policy is to make contributions to the Plan that are actuarially determined, such that all employees' benefits will be fully provided for by the time they retire. Employee contributions and rollovers are not allowed. The Plan has met ERISA minimum funding requirements.

Termination

Although it has not expressed the intent to do so, the Company may terminate the Plan subject to the provisions set forth in ERISA. In such event, the net assets of the Plan will be allocated, as prescribed by ERISA and its related regulations, generally to provide the following benefits in the order indicated:

a. Annuity benefits that former employees or their beneficiaries have been receiving for at least three years, or that employees eligible to retire for that three-year period would have been receiving if they had retired with benefits in the normal form of annuity under the Plan. The priority amount is limited to the lowest benefit that was payable (or would have been payable) during those three years. The amount is further limited to the lowest benefit that would be payable under the Plan provisions in effect at any time during the five years preceding the Plan termination.

b. Other vested benefits insured by the Pension Benefit Guaranty Corporation (PBGC) (a U.S. government agency) up to the applicable limitations (discussed below).

c. All other vested benefits; that is, vested benefits not insured by the PBGC.

d. All nonvested benefits.

Certain benefits under the Plan are insured by the PBGC if the Plan terminates. Generally, the PBGC guarantees most vested normal retirement age benefits, early retirement benefits, and certain disability and survivor's pensions. However, the PBGC does not guarantee all types of benefits under the Plan, and the amount of benefit protection is subject to certain limitations. Vested benefits under the Plan are guaranteed at the level in effect on the date of the Plan's termination, subject to a statutory ceiling on the amount of the individual's monthly benefit.

Whether all participants receive their benefits should the Plan terminate at some future time will depend on the sufficiency, at that time, of the Plan's net assets to provide for accumulated benefit obligations and may also depend on the financial condition of the plan sponsor and the level of benefits guaranteed by the PBGC.

NOTE 2 - SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

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

Investment Valuation and Income Recognition

Investments in the Huntsman International LLC Pension Master Trust (the "Master Trust") are stated at fair value, which is 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. See Note 4 for discussion of fair value measurements. The Plan's proportionate interest in the investments of the Master Trust is shown in the statements of net assets available for benefits as Plan interest in the Huntsman International LLC Pension Master Trust (Note 3).

Actuarial Present Value of Accumulated Plan Benefits

Accumulated plan benefits are those future periodic payments, including lump-sum distributions, which are attributable to the service employees have rendered under the Plan's provisions. Accumulated plan benefits include benefits expected to be paid to (a) retired or terminated employees or their beneficiaries, (b) beneficiaries of employees who have died, and (c) present employees or their beneficiaries. The accumulated plan benefits for employees are based on their credited years of participation in the Plan. Benefits payable under all circumstances - retirement, death, disability, and termination of employment - are included, to the extent they are deemed attributable to employee service rendered to the valuation date (as of the beginning of the year).

The actuarial present value of accumulated plan benefits is determined by an independent actuary from Willis Towers Watson and is the amount that 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 payment (by means of decrements such as death, disability, withdrawal, or retirement) between the valuation date and the expected date of payment.

The significant actuarial assumptions underlying the actuarial computations, based on the projected unit credit method, for the December 31, 2017 valuation date was (a) life expectancy of participants (the RP-2014 tables without collar or amount adjustments with Scale MP-2017 with ultimate rate of 0.75% which changed from RP-2014 tables without collar or amount adjustments with Scale MP-2016 with ultimate rate of 0.75% used at December 31, 2016), (b) retirement age assumptions (the assumed average retirement age was 62), and (c) investment return (7.5%). The foregoing actuarial assumptions are based on the presumption that the Plan will continue. If the Plan were to terminate, different actuarial assumptions and other factors might be applicable in determining the actuarial present value of accumulated plan benefits.

NOTE 2 - SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Benefit Payments

Benefit payments are recorded when distributed.

Administrative Expenses

The Plan's expenses are paid either by the Plan or by the Company, as provided by the Plan document. Expenses that are paid directly by the Company are excluded from these financial statements. Certain expenses incurred in connection with the general administration of the Plan that are paid by the Plan are recorded as deductions in the accompanying statements of changes in net assets available for benefits. In addition, certain investment-related expenses are included in investment income (loss) - Plan interest in the Huntsman International LLC Pension Master Trust presented in the accompanying statements of changes in net assets available for benefits.

Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires the plan administrator to make estimates and assumptions that affect the reported amounts of assets, liabilities, and changes therein, disclosure of contingent assets and liabilities, and the actuarial present value of accumulated plan benefits at the date of the financial statements, and changes therein. Accordingly, actual results could differ from those estimates.

Federal Income Taxes

The Internal Revenue Service (IRS) has determined and informed the Company by a letter dated December 2, 2015, that the Plan and related trust are designed in accordance with applicable sections of the Internal Revenue Code (IRC). Although the Plan has been amended since receiving the determination letter, the plan administrator believes that the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC and, therefore, believes that the Plan is qualified and the related trust is tax-exempt.

Accounting principles generally accepted in the United States of America require Plan management to evaluate tax positions taken by the Plan to determine if the Plan has taken an uncertain position that more likely than not would not 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, 2018 and 2017, there are no uncertain positions taken or expected to be taken. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

NOTE 2 - SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Recent Accounting Pronouncement

In August 2018, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update (ASU) 2018-13, *Fair Value Measurement* (Topic 820), *Disclosure Framework - Changes to the Disclosure Requirements for Fair Value Measurement*. ASU 2018-13 modifies the disclosure requirements on fair value measurements in Topic 820. The guidance is effective for annual reporting periods beginning after December 15, 2019. Early adoption is permitted. Plan management is currently evaluating the impact ASU 2018-13 will have on the Plan's financial statements.

NOTE 3 - INTEREST IN MASTER TRUST

The Plan's investment assets are held in a Master Trust, which was established by the Company. The Master Trust is administered and investments are held by the trustee. Use of the Master Trust permits the commingling of trust assets with the assets of the Plan and several other retirement plans sponsored by Huntsman International LLC and its affiliates, all of which are under common control, for investment and administrative purposes. Although assets of the participating plans are commingled in the Master Trust, the custodian maintains supporting records for the purpose of allocating the net gain or loss of the investment account to the participating plans. The net investment income (loss) of the investment assets is allocated by the custodian to each participating plan based on the relationship of the interest of each plan to the total of the interests of the participating plans.

The net assets of the Master Trust available for benefits and the Plan's divided interest are summarized as follows at December 31, 2018 and 2017:

	2018	
	Master Trust Balances	Plan's Interest in Master Trust Balances
Investments:		
Commingled Real Estate Funds	$ 43,442,751	$ 918,500
Collective Trust	30,762,602	653,192
Mutual Funds	495,083,856	11,281,298
Total investments at fair value	569,289,209	12,852,990
Accrued income	463,693	10,756
Net assets available for benefits	$569,752,902	$12,863,746

NOTE 3 - INTEREST IN MASTER TRUST (CONTINUED)

	2017	
	Master Trust Balances	Plan's Interest in Master Trust Balances
Investments:		
Commingled Real Estate Funds	$ 41,391,469	$ 873,781
Collective Trust	28,525,144	605,683
Mutual Funds	537,274,266	12,273,008
Cash and Money Market Funds	338	-
Total investments at fair value	607,191,217	13,752,472
Accrued income	1,712,895	39,125
Net assets available for benefits	$608,904,112	$13,791,597

Investment income (loss) of the Master Trust for the years ended December 31, 2018 and 2017 is summarized as follows:

	2018	2017
Investment income (loss):		
Net appreciation (depreciation) in fair value of investments	$(40,898,453)	$67,876,314
Interest and dividends	15,135,920	13,812,060
Total investment income (loss)	$(25,762,533)	$81,688,374

NOTE 4 - FAIR VALUE MEASUREMENTS

The FASB Accounting Standards Codification (ASC) 820, *Fair Value Measurement*, clarifies the definition of fair value for financial reporting, establishes a framework for measuring fair value, and requires additional disclosure about the use of fair value measurements in an effort to make the measurement of fair value more consistent and comparable.

Various inputs are used in determining the fair value of the investments in the Master Trust. Valuation techniques used to measure fair value must maximize the use of observable inputs and minimize the use of unobservable inputs. In addition, ASC 820 establishes a three-tier fair value hierarchy, which prioritizes the inputs used in measuring fair value. The asset or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is

NOTE 4 - FAIR VALUE MEASUREMENTS (CONTINUED)

significant to the fair value measurement. The three levels of the fair value hierarchy, including the types of investments in the Master Trust that fall under each category and the valuation methodologies used to measure fair value, are described below:

Level 1 - Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets.

Mutual Funds: Valued at net asset value (NAV) of shares held by the Master Trust at year-end. NAV is based on the value of the underlying assets owned by the fund, minus its liabilities, and then divided by the number of shares outstanding. The NAV is a quoted price in an active market.

Cash and Money Market Funds: Valued at cost plus interest earned, which approximates fair value.

Level 2 - Inputs to the valuation methodology are other than quoted market prices in active markets that are observable, either directly or indirectly, such as quoted prices for similar assets or liabilities; quoted prices that are in inactive markets; inputs other than quoted prices that are observable for the asset or liability; and inputs that are derived principally from or corroborated by observable market data by correlation or other means.

Level 3 - Inputs to the valuation methodology are unobservable inputs (i.e., projections, estimates, interpretations, etc.) that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities.

Commingled Real Estate Funds: Valued at NAV based on third-party appraisals, as reported by the investment managers. The funds are invested in JPMorgan funds. The underlying holdings are diversified real estate and infrastructure-related assets. Withdrawals for the JPMCB Strategic Property Fund are limited to once per quarter, subject to available cash. A written withdrawal request is required 45 days prior to quarter end. Withdrawals for the Infrastructure Investments Fund are limited to March 31 or September 30 each year. The Plan has no contractual obligation to further invest in the funds.

Collective Trust: Valued at fair value of the underlying investments based on quoted market prices, independent of third-party pricing agents, from independent broker dealers independent of the fund, or fair value procedures implemented through a Fair Value Committee. The funds are invested in the SEI Structured Credit Collective Fund, which invests substantially all of its assets in the SEI Structured Credit Segregated Portfolio that, in turn, invests substantially all of its assets in the SEI Structured Credit Fund, L.P. The objective of the fund is to generate high total returns through investing in a portfolio of collateralized debt obligations. Withdrawals are limited to once per quarter, subject to availability of cash as determined by the advisor, and requires a 90-day prenotification.

The preceding methods described may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the Plan believes its

NOTE 4 - FAIR VALUE MEASUREMENTS (CONTINUED)

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 inputs and methodologies used for valuing securities are not an indication of the risk associated with investing in those securities. There have been no changes in the methodologies used at December 31, 2018 or 2017.

The following tables set forth by level, within the fair value hierarchy, the investments in the Master Trust at fair value as of December 31, 2018 and 2017:

	2018			
Description	Level 1	Level 2	Level 3	Total
Mutual Funds	$495,083,856			$495,083,856
Commingled Real Estate Funds			$43,442,751	43,442,751
Collective Trust			30,762,602	30,762,602
Total investments at fair value	$495,083,856		$74,205,353	$569,289,209

	2017			
Description	Level 1	Level 2	Level 3	Total
Mutual Funds	$537,274,266			$537,274,266
Commingled Real Estate Funds			$41,391,469	41,391,469
Collective Trust			28,525,144	28,525,144
Cash and Money Market Funds	338			338
Total investments at fair value	$537,274,604		$69,916,613	$607,191,217

The following tables set forth a summary of changes in the fair value of the Master Trust's Level 3 assets for the years ended December 31, 2018 and 2017:

	Commingled Real Estate Funds	Collective Trust
2018:		
Balance, beginning of year	$ 41,391,469	$ 28,525,144
Net appreciation in fair value of investments	2,333,453	2,237,458
Sales	(282,171)	-
Balance, end of year	$ 43,442,751	$ 30,762,602

NOTE 4 - FAIR VALUE MEASUREMENTS (CONTINUED)

	Commingled Real Estate Funds	Collective Trust
2017:		
Balance, beginning of year	$ 39,243,309	$ 24,887,042
Net appreciation in fair value of investments	2,458,269	3,548,525
Purchases	5,000,000	314,677
Sales	(5,310,109)	(225,100)
Balance, end of year	$ 41,391,469	$ 28,525,144

The following table represents the Master Trust's Level 3 investments, the valuation techniques used to measure the fair value of the investments, and the significant unobservable inputs and the ranges of values for those inputs at December 31, 2018 and 2017.

Instrument	Fair Value	Principal Valuation Technique	Unobservable Inputs
Commingled Real Estate Funds	2018 - $43,442,751 2017 - $41,391,469	Property valuations	External independent appraisals, rental revenue and expense amounts, revenue and expense growth rates, terminal capitalization rates, discount rates
		Mortgage loan valuations	Original term borrowing rates, leveraged equity yields, market interest rates, interest spreads, credit risk and liquidity and other factors
Collective Trust	2018 - $30,762,602 2017 - $28,525,144	Proprietary valuations	Bid price utilizing actual market transactions, broker-supplied valuations considering factors as security prices, maturities, call features, ratings and developments relating to specific securities
		Dealer valuations	Combination of market transactions and internal models, results from bids-wanted-in competition auctions of securities
		Fair value procedures	Last trade price, performance of the market, liquidity of the security, size of the holding in the fund

NOTE 4 - FAIR VALUE MEASUREMENTS (CONTINUED)

The investment committee reviews and approves the fair value measurement valuation policies and procedures, including those for Level 3 recurring measurements. At least annually, the investment committee determines if the current valuation techniques used in fair value measurements are still appropriate and evaluates and adjusts the unobservable inputs used in the fair value measurements based on current market conditions and third-party information.

NOTE 5 - INFORMATION CERTIFIED BY THE TRUSTEE

The plan administrator has elected the method of compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, SEI, the trustee of the Plan, has certified to the completeness and accuracy of all investments reflected in the accompanying statements of net assets available for benefits as of December 31, 2018 and 2017 and the related investment activity reflected in the statements of changes in net assets available for benefits for the years then ended.

NOTE 6 - ACTUARIAL PRESENT VALUE OF ACCUMULATED PLAN BENEFITS

The actuarial present value of the Plan's accumulated plan benefits at December 31, 2017 (date of the most recent valuation) is as follows:

Vested benefits of participants and beneficiaries currently receiving payments	$ 6,627,837
Other vested benefits	4,624,112
Nonvested benefits	188,110
Actuarial present value of accumulated plan benefits	$11,440,059

The changes in the actuarial present value of the Plan's accumulated plan benefits for the year ended December 31, 2017 (date of the most recent valuation) is as follows:

Actuarial present value of accumulated plan benefits at December 31, 2016	$11,094,090
Additions:	
Benefits accumulated	203,178
Interest due to decrease in the discount period	821,633
Actuarial losses	76,291
	1,101,102
Deductions:	
Benefits paid	696,928
Assumption changes	58,205
	755,133
Net change	345,969
Actuarial present value of accumulated plan benefits at December 31, 2017	$11,440,059

NOTE 7 - SPECIAL PROVISIONS FOR FORMER CIBA EMPLOYEES

The Plan has special provisions for employees who transferred to the Company in December 1999 directly from Ciba Specialty Chemicals Corporation ("Ciba") and were participants of the Ciba McIntosh Union Pension Plan. The Plan recognizes the employees' years of service with Ciba for purposes of vesting and accruing benefits.

NOTE 8 - PARTY-IN-INTEREST TRANSACTIONS

Certain Plan investments in the Master Trust are in shares of mutual funds and a collective trust managed by affiliates of SEI. Therefore, these investments qualify as party-in-interest transactions. Fees paid by the Plan for the investment management services are included as a reduction of the return on each fund. These transactions are considered to be exempt party-in-interest transactions and are not considered prohibited transactions under the Department of Labor's Rules and Regulations.

NOTE 9 - RISKS AND UNCERTAINTIES

The Plan provides for various investments in a Master Trust. In general, such investments are exposed to various risks, such as significant world events, interest rate, credit, and overall market volatility 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 such changes could materially affect the amounts reported in the statements of net assets available for benefits.

Plan contributions are made and the actuarial present value of accumulated plan benefits are 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 estimations and assumptions process, it is at least reasonably possible that changes in these estimates and assumptions in the near term would be material to the financial statements.

NOTE 10 - SUBSEQUENT EVENTS

The Plan has evaluated subsequent events through September 30, 2019, the date the financial statements were available to be issued.

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 26
Schedule of Active Participant Data as of January 1, 2018

	Attained Years of Credited Service[1]									
Attained Age	**Under 1**	**1-4**	**5-9**	**10-14**	**15-19**	**20-24**	**25-29**	**30-34**	**35-39**	**40 & Over**
Under 25	0	0	0	0	0	0	0	0	0	0
25-29	0	4	0	0	0	0	0	0	0	0
30-34	0	1	4	0	0	0	0	0	0	0
35-39	0	0	1	0	0	0	0	0	0	0
40-44	0	3	3	2	3	0	0	0	0	0
45-49	0	0	3	1	2	7	3	0	0	0
50-54	0	0	5	3	2	3	13	0	0	0
55-59	0	0	2	3	0	3	5	2	1	0
60-64	0	0	1	1	0	3	0	0	0	4
65-69	0	0	0	0	0	0	0	0	0	0
70 & over	0	0	0	0	0	0	0	0	0	0

[1] Age and service for purposes of determining category are based on exact (not rounded) values.

Plan Name: Huntsman Advanced Materials America LLC Pension Plan for Non-Salaried Employees at McIntosh, Alabama
EIN / PN: 52-2215309/002
Plan Sponsor: Huntsman Advanced Materials Americas LLC
Valuation Date January 1, 2018

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V
Statement of Actuarial Assumptions/Methods

Economic Assumptions

Interest rate basis:

- Applicable month: September 2017
- Interest rate basis: IRC §430 Funding Segment Rates (24-month average)

Interest rates:

	Reflecting Stabilization	Not Reflecting Stabilization
First segment rate	3.92%	1.75%
Second segment rate	5.52%	3.76%
Third segment rate	6.29%	4.66%
Effective interest rate	5.75%	4.09%

Rates not reflecting stabilization are used to determine PBGC variable rate premiums if the alternative method is used, and are used for purposes of determining the deductible limit, the PBGC FTAP and the PBGC 4010 FS.

SCHEDULE SB ATTACHMENTS

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 2033 using Scale AA) and annuitants (based on RP-2000 “Healthy Annuitants” table without collar or amount adjustments, projected to 2025 using Scale AA).

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, average retirement age 62.

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
50 – 54	1%
55 – 59	2%
60 – 61	10%
62	25%
63 – 64	5%
65	100%

New or rehired employees

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

SCHEDULE SB ATTACHMENTS

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
- **Retirement benefit** — Upon termination of employment

Form of payment	Life annuity
Percent married	80%
Spouse age	Wife two years younger than husband
Administrative expense	Equal to actual 2017 plan expenses adjusted for expected PBGC premiums and excluding investment management fees ($140,000).
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.
Timing of benefit payments	Annuity payments are payable monthly at the beginning of the month

SCHEDULE SB ATTACHMENTS

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 the plan year plus plan-related expenses expected to be paid from plan assets during the plan year as required by regulations under IRC §430.
Actuarial value of assets for determining minimum required contributions	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 prior plan year.) 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.
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. Willis 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. 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.

Data Sources

The Willis Towers Watson administrative team furnished participant data as of 1/1/2018. Information on assets, contributions, and plan provisions was supplied by the plan sponsor. Data were reviewed for reasonableness and consistency, but no audit was performed. Based on discussions with the plan sponsor, assumptions or estimates were made when data were not available. We are not aware of any errors or omissions in the data that would have a significant effect on the results of our calculations.

Accumulated other comprehensive (income)/loss amounts shown in the report are shown prior to adjustment for deferred taxes. Any deferred tax effects in AOCI should be determined in consultation with Huntsman's tax advisors and auditors. Willis Towers Watson used information supplied by Huntsman regarding the postretirement benefit asset, postretirement benefit liability, and amounts recognized in accumulated other comprehensive income as of the end of the 2017 fiscal year.

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.
Administrative expenses	As required by regulations, plan-related expenses are calculated by estimating the expenses to be paid from the trust during the coming year (including, for example, expected PBGC premiums and actuarial, accounting, legal, administration and trustee fees to be paid from the trust).

SCHEDULE SB ATTACHMENTS

Assumptions Rationale - Significant Demographic Assumptions

Mortality	For accounting purposes, assumptions were selected by the plan sponsor and, as required by U.S. GAAP, represent a best estimate of future experience. Assumptions used for funding purposes are as prescribed by IRC §430(h). Note that the plan sponsor has decided, as allowed by regulation §1.430(h)(3)-1, to delay until the 2019 plan year updating the required mortality table to reflect the RP-2014 study and subsequent Society of Actuaries studies
Termination	Assumed termination rates differ by age and gender, based on expected differences in termination rates by gender.
Disability	No separate disability rate is assumed as this is not a material assumption for this plan.
Retirement	Retirement rates are based on plan sponsor expectations for the future, with periodic monitoring of gains and losses caused by retirement patterns different than assumed.
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.
■ Deferred vested benefit	Participants are assumed to commence at normal retirement age. Reductions for early commencement are close to actuarial equivalent rates so the impact of the assumption is not expected to be significant.
Form of payment	Based on observed experience, participants are assumed to take a single life annuity.
Marital Assumptions	

Plan Name:	Huntsman Advanced Materials America LLC Pension Plan for Non-Salaried Employees at McIntosh, Alabama
EIN / PN:	52-2215309/002
Plan Sponsor:	Huntsman Advanced Materials Americas LLC
Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

■ Percent married	The percent married assumption is based on plan sponsor expectations for the future.
■ Spouse age	The spouse age assumption is based on plan sponsor expectations for the future.

Source of Prescribed Methods

Funding methods	The methods used for funding purposes as described in Appendix A, 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.

Changes in Assumptions and Methods

Change in assumptions for contributions since prior valuation	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 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 assumed plan-related expenses added to the target normal cost were changed from $130,000 for the prior valuation to $140,000 for the current valuation to account for lower expected expenses to be paid from the trust.
Change in methods since prior valuation	There have been no changes in methods since prior valuation.

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

2018

This Form is Open to Public Inspection

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

▶ **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
HUNTSMAN ADVANCED MATERIALS AMERICAS LLC PENSION PLAN FOR NON-SALARIED EMPLOYEES AT MCINTOSH, ALABAMA

B Three-digit plan number (PN) ▶ 002

C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF
HUNTSMAN ADVANCED MATERIALS AMERICAS LLC

D Employer Identification Number (EIN)
52-2215309

E Type of plan: [X] Single [ ] Multiple-A [ ] Multiple-B

F Prior year plan size: [ ] 100 or fewer [ ] 101-500 [X] More than 500

Part I Basic Information

1 Enter the valuation date: Month 01 Day 01 Year 2018

2 Assets:

a Market value	2a	14,271,695
b Actuarial value	2b	13,480,541

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	52	7,507,435	7,507,435
b For terminated vested participants	14	489,112	489,112
c For active participants	88	5,345,123	5,576,686
d Total	154	13,341,670	13,573,233

4 If the plan is in at-risk status, check the box and complete lines (a) and (b) [ ]

a Funding target disregarding prescribed at-risk assumptions	4a	
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b	
5 Effective interest rate	5	5.75%
6 Target normal cost	6	390,384

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

DMC
Signature of actuary

9/24/2019
Date

DEAN M CRAWFORD (FSA, EA)
Type or print name of actuary

1707158
Most recent enrollment number

WILLIS TOWERS WATSON US LLC
Firm name

214-530-4495
Telephone number (including area code)

500 N AKARD ST
STE 4100
DALLAS TX 75201
Address of the firm

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

Part II Beginning of Year Carryover and Prefunding Balances

		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	0
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9	Amount remaining (line 7 minus line 8)	0	0
10	Interest on line 9 using prior year's actual return of 15.64%	0	0
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		151,626
	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 5.95%		9,022
	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		160,648
	d Portion of (c) to be added to prefunding balance		0
12	Other reductions in balances due to elections or deemed elections	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	0

Part III Funding Percentages

14	Funding target attainment percentage	14	99.31%
15	Adjusted funding target attainment percentage	15	99.31%
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	100.61%
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
09/13/2019	700,000	0			
			Totals ▶ 18(b)	700,000	18(c) 0

19	Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:		
	a Contributions allocated toward unpaid minimum required contributions from prior years	19a	0
	b Contributions made to avoid restrictions adjusted to valuation date	19b	0
	c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	636,534

20 Quarterly contributions and liquidity shortfalls:

a Did the plan have a "funding shortfall" for the prior year? [ ] Yes [X] 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:	2nd segment:	3rd segment:	
3.92 %	5.52 %	6.29%	☐ 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)

Prior regulation: ☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute

Current regulation: ☐ 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**	390,384
b Excess assets, if applicable, but not greater than line 31a	**31b**	0

32 Amortization installments:

	Outstanding Balance	Installment
a Net shortfall amortization installment	92,692	15,132
b Waiver amortization installment	0	0

33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	**33**	
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)	**34**	405,516

	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**	405,516
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	**37**	636,534
38 Present value of excess contributions for current year (see instructions)		
a Total (excess, if any, of line 37 over line 36)	**38a**	231,018
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

SCHEDULE SB ATTACHMENTS

Schedule SB – Statement by Enrolled Actuary

Plan Sponsor	Huntsman Advanced Materials Americas LLC
EIN/PN	52-2215309 / 002
Plan Name	Huntsman Advanced Materials America LLC Pension Plan for Non-Salaried Employees at McIntosh, Alabama
Valuation Date	January 1, 2018
Enrolled Actuary	Dean M. Crawford (FSA, EA)
Enrollment Number	17-07158

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.

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 22
Description of Weighted Average Retirement Age
as of January 1, 2018

Methodology Used to Compute the Weighted Average Retirement Age

(Assuming a Hypothetical Group of Active Participants)

(1)	(2)	(3)	(4)	(5)
		Retirement	Number	
		Rate	Retired at Age	
Age	Exposure	Decrement	(2) * (3)	(1) * (4)
50	1,000	1%	10	500
51	990	1%	10	510
52	980	1%	10	520
53	970	1%	10	530
54	960	1%	10	540
55	950	2%	19	1,045
56	931	2%	19	1,064
57	912	2%	18	1,026
58	894	2%	18	1,044
59	876	2%	18	1,062
60	858	10%	86	5,160
61	772	10%	77	4,697
62	695	25%	174	10,788
63	521	5%	26	1,638
64	495	5%	25	1,600
65	470	100%	470	30,550
				62,274
Weighted Average Age at Retirement:			/1000	62

Plan Name:	Huntsman Advanced Materials America LLC Pension Plan for Non-Salaried Employees at McIntosh, Alabama
EIN / PN:	52-2215309/002
Plan Sponsor:	Huntsman Advanced Materials Americas LLC
Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

Schedule SB, Part V
Summary of Plan Provisions

Plan Provisions

The most recent amendment, the Third Amendment, reflected in the following plan provisions was adopted December 14, 2016 and effective January 1, 2017.

Covered employees	Employees covered by the Paper, Allied Industrial Chemical & Energy Union, Local 3-562, excluding leased employees and independent contractors.
Participation date	First day of month coincident with or next following the completion of 12-month period in which at least 1,000 hours of service are completed.

Definitions

Vesting service	Plan year during which employee completes 1,000 hours of service
Pension service	Years and months of service as a covered employee
Normal retirement date (NRD)	First of month coinciding with or next following the later of the attainment of age 65 or 5th participation anniversary
Monthly pension benefit	$40.00 per month for each year of credited service, for retirements and terminations on or after March 31, 2004 and on or prior to March 31, 2008. $45.00 per month for each year of credited service after March 31, 2008.

Eligibility for Benefits

Normal retirement	Retirement on NRD
Early retirement	Retirement before NRD and after attaining both age 50 and completing 15 years of vesting service
Postponed retirement	Retirement after NRD
Deferred vested termination	Termination after completing five years of vesting service

Plan Name:	Huntsman Advanced Materials America LLC Pension Plan for Non-Salaried Employees at McIntosh, Alabama
EIN / PN:	52-2215309/002
Plan Sponsor:	Huntsman Advanced Materials Americas LLC
Valuation Date	January 1, 2018

SCHEDULE SB ATTACHMENTS

Disability	Termination due to total and permanent disability
Preretirement death benefit	Death of an active employee with a surviving spouse or designated beneficiary while eligible for normal, early, postponed, or deferred vested retirement benefits.

Benefits Paid Upon the Following Events

Normal retirement	Monthly pension benefit determined as of NRD
Early retirement	Monthly pension benefit determined as of early retirement date, reduced 3.0% for each year early retirement date precedes age 62
Postponed retirement	Monthly pension benefit determined as of actual retirement date
Deferred vested termination	Monthly pension benefit determined as of termination date. If participant has 15 years of service upon termination, he may elect to receive his benefit after he has attained age 50; the benefit is actuarially reduced for each year the benefit commencement date precedes the participant's NRD.
Disablement	An eligible Participant's monthly disability retirement benefit shall be actuarially equivalent to his Accrued Benefit determined as of his disability retirement date.
Death with preretirement spouse benefits	
Eligible to retire	Monthly pension benefit determined as of the date of death assuming the participant had retired, elected 100% joint and survivor annuity, and then died. Alternatively, the beneficiary may elect to receive 60 monthly payments equal to the monthly pension benefit determined as of the date of death and multiplied by the relevant factor as described in Section 5.3 of the plan document.
Not eligible to retire	Monthly pension benefit determined as of the date of death, assuming the employee had survived to their earliest retirement date, elected a 50% joint and survivor annuity, and then died

SCHEDULE SB ATTACHMENTS

Other Plan Provisions

Forms of payment	Preretirement death benefits are payable only as described above. Monthly pension benefits are paid as described above as a life annuity, if the participant has no spouse as of the date payments begin, or if the participant so elects. Otherwise, benefits are paid in the form of 50% joint and survivor annuity option or, if the participant elects and the spouse consents, another actuarially equivalent optional form offered by the plan. Optional forms are joint and survivor annuity (50%, 75%, 100%), joint annuity (50%), level income option, or a life annuity.
Pension Increases	None
Plan participants' contributions	None
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.
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. Willis Towers Watson is not aware of any future plan changes which are required to be reflected.

Changes in Benefits Valued Since Prior Year

There have been no changes in benefits valued since the prior year.

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 32
Schedule of Amortization Bases
as of January 1, 2018

Type of Base	Date Established	Initial Amount	Remaining Amortization Period (Years)	Outstanding Balance	Amortization Payment
1. Shortfall	01/01/2018	92,692	7.00000	92,692	15,132
Total				92,692	15,132

Plan Name: Huntsman Advanced Materials America LLC Pension Plan for Non-Salaried Employees at McIntosh, Alabama
EIN / PN: 52-2215309/002
Plan Sponsor: Huntsman Advanced Materials Americas LLC
Valuation Date January 1, 2018