

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6047(e), 6057(b), and 6058(a) of the Internal Revenue Code (the Code). <p style="text-align: center;">▶ Complete all entries in accordance with the instructions to the Form 5500.</p>	OMB Nos. 1210-0110 1210-0089 <div style="text-align: center; font-size: 1.2em; font-weight: bold;">2013</div> <div style="text-align: center; font-weight: bold;">This Form is Open to Public Inspection</div>
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Part I	Annual Report Identification Information
For calendar plan year 2013 or fiscal plan year beginning <u>01/01/2013</u> and ending <u>09/01/2013</u>	
A This return/report is for:	☐ a multiemployer plan; ☐ a multiple-employer plan; or ☒ a single-employer plan; ☐ a DFE (specify) ____
B This return/report is:	☐ the first return/report; ☒ the final return/report; ☐ an amended return/report; ☒ a short plan year return/report (less than 12 months).
C If the plan is a collectively-bargained plan, check here.	☒
D Check box if filing under:	☒ Form 5558; ☐ automatic extension; ☐ the DFVC program; ☐ special extension (enter description)

Part II	Basic Plan Information—enter all requested information	
1a Name of plan <u>BASF CORPORATION HOURLY PENSION PLAN FOR CONSTRUCTION CHEMICALS BUSINESS EMPLOYEES</u>	1b Three-digit plan number (PN) ▶	<u>031</u>
2a Plan sponsor's name and address; include room or suite number (employer, if for a single-employer plan) <u>BASF CORPORATION</u> <u>100 PARK AVENUE</u> <u>FLORHAM PARK, NJ 07932</u>	1c Effective date of plan <u>04/12/1985</u>	2b Employer Identification Number (EIN) <u>16-1090809</u>
	2c Sponsor's telephone number <u>973-245-6000</u>	2d Business code (see instructions) <u>327300</u>

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

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	06/12/2014	GEORGE H. MUSKAL, EMPLOYEE BENEFITS
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE
Preparer's name (including firm name, if applicable) and address; include room or suite number. (optional)			Preparer's telephone number (optional)

3a Plan administrator's name and address ☒ Same as Plan Sponsor Name ☐ Same as Plan Sponsor Address		3b Administrator's EIN	
4 If the name and/or EIN of the plan sponsor has changed since the last return/report filed for this plan, enter the name, EIN and the plan number from the last return/report: a Sponsor's name		3c Administrator's telephone number 4b EIN 4c PN	
5 Total number of participants at the beginning of the plan year		5	69
6 Number of participants as of the end of the plan year (welfare plans complete only lines 6a , 6b , 6c , and 6d).			
a Active participants		6a	0
b Retired or separated participants receiving benefits		6b	0
c Other retired or separated participants entitled to future benefits.....		6c	0
d Subtotal. Add lines 6a , 6b , and 6c		6d	0
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits		6e	0
f Total. Add lines 6d and 6e		6f	0
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)		6g	
h Number of participants that terminated employment during the plan year with accrued benefits that were less than 100% vested		6h	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) ☐ A (Insurance Information) (4) ☐ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)	

SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF.	OMB No. 1210-0110 2013 This Form is Open to Public Inspection
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For calendar plan year 2013 or fiscal plan year beginning 01/01/2013 and ending 09/01/2013

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan <u>BASF CORPORATION HOURLY PENSION PLAN FOR CONSTRUCTION CHEMICALS BUSINESS EMPLOYEES</u>	B Three-digit plan number (PN) ▶ <u>031</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>BASF CORPORATION</u>	D Employer Identification Number (EIN) <u>16-1090809</u>
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500

Part I	Basic Information
1 Enter the valuation date: Month _____ Day _____ Year _____	
2 Assets:	
a Market value	2a <u>2419989</u>
b Actuarial value	2b <u>2419989</u>
3 Funding target/participant count breakdown:	
a For retired participants and beneficiaries receiving payment.....	3a <u>24</u> <u>1243063</u>
b For terminated vested participants.....	3b <u>31</u> <u>545416</u>
c For active participants:	
(1) Non-vested benefits	3c(1) <u>82573</u>
(2) Vested benefits	3c(2) <u>701979</u>
(3) Total active.....	3c(3) <u>15</u> <u>784552</u>
d Total.....	3d <u>70</u> <u>2573031</u>
4 If the plan is in at-risk status, check the box and complete lines (a) and (b)..... ☐	
a Funding target disregarding prescribed at-risk assumptions	4a
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor.....	4b
5 Effective interest rate	5 <u>6.33 %</u>
6 Target normal cost.....	6 <u>36066</u>

Statement by Enrolled Actuary

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

SIGN HERE		<u>06/09/2014</u>
Signature of actuary		Date
<u>WILLIAM J. NICKEL, F.S.A., E.A.</u>		<u>11-07016</u>
Type or print name of actuary		Most recent enrollment number
<u>TOWERS WATSON PENNSYLVANIA INC.</u>		<u>215-246-4293</u>
Firm name		Telephone number (including area code)
<u>1500 MARKET STREET</u> <u>PHILADELPHIA, PA 19102-4790</u>		
Address of the firm		

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

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

Schedule SB (Form 5500) 2013
v. 130118

Part II Beginning of Year Carryover and Prefunding Balances		
	(a) Carryover balance	(b) Prefunding balance
7 Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	0
8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9 Amount remaining (line 7 minus line 8)	0	0
10 Interest on line 9 using prior year's actual return of <u>12.50</u> %		
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year)		89692
b Interest on (a) using prior year's effective interest rate of <u>7.03</u> % except as otherwise provided (see instructions)		6305
c Total available at beginning of current plan year to add to prefunding balance		95997
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	94.05 %
15 Adjusted funding target attainment percentage	15	94.05 %
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	93.21 %
17 If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and Liquidity Shortfalls					
18 Contributions made to the plan for the plan year by employer(s) and employees:					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
04/11/2013	8032	0			
07/12/2013	8032	0			
09/13/2013	7140	0			
05/11/2014	25000	0			
			Totals ►	18(b)	48204
				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	45518
20 Quarterly contributions and liquidity shortfalls:		
a Did the plan have a "funding shortfall" for the prior year?	☒ Yes ☐ No	
b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner?	☒ Yes ☐ No	
c If line 20a is "Yes," see instructions and complete the following table as applicable:		

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

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

21 Discount rate:				
a Segment rates:	1st segment: 4.94%	2nd segment: 6.15%	3rd segment: 6.76 %	☐ N/A, full yield curve used
b Applicable month (enter code).....				21b 4
22 Weighted average retirement age				22 61
23 Mortality table(s) (see instructions) ☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute				

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment.	☒ Yes ☐ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.	☐ Yes ☒ No
26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.	☒ Yes ☐ No
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment.....	27

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

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

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6).....	31a	36066	
b Excess assets, if applicable, but not greater than line 31a	31b	0	
32 Amortization installments:	Outstanding Balance	Installment	
a Net shortfall amortization installment.....	0	8660	
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	0	
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)...	34	44726	
	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	44726	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....	37	45518	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	792	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	0	
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0	
40 Unpaid minimum required contributions for all years	40	0	

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

41 If an election was made to use PRA 2010 funding relief for this plan:			
a Schedule elected	☐ 2 plus 7 years ☒ 15 years		
b Eligible plan year(s) for which the election in line 41a was made	☐ 2008 ☐ 2009 ☒ 2010 ☒ 2011		
42 Amount of acceleration adjustment	42	8942	
43 Excess installment acceleration amount to be carried over to future plan years	43	0	

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

SCHEDULE I (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information—Small Plan This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110
		2013
		This Form is Open to Public Inspection

For calendar plan year 2013 or fiscal plan year beginning 01/01/2013 and ending 09/01/2013		
A Name of plan BASF CORPORATION HOURLY PENSION PLAN FOR CONSTRUCTION CHEMICALS BUSINESS EMPLOYEES	B Three-digit plan number (PN) ►	031
C Plan sponsor's name as shown on line 2a of Form 5500 BASF CORPORATION	D Employer Identification Number (EIN) 16-1090809	

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

Part I	Small Plan Financial Information
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Report below the current value of assets and liabilities, income, expenses, transfers and changes in net assets during the plan year. Combine the value of plan assets held in more than one trust. Do not enter the value of the portion of an insurance contract that guarantees during this plan year to pay a specific dollar benefit at a future date. Include all income and expenses of the plan including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. **Round off amounts to the nearest dollar.**

1 Plan Assets and Liabilities:		(a) Beginning of Year	(b) End of Year
a Total plan assets	1a	2300783	0
b Total plan liabilities	1b		
c Net plan assets (subtract line 1b from line 1a)	1c	2300783	0
2 Income, Expenses, and Transfers for this Plan Year:		(a) Amount	(b) Total
a Contributions received or receivable:			
(1) Employers.....	2a(1)	16064	
(2) Participants.....	2a(2)		
(3) Others (including rollovers)	2a(3)		
b Noncash contributions	2b		
c Other income.....	2c	56448	
d Total income (add lines 2a(1), 2a(2), 2a(3), 2b, and 2c)	2d		
e Benefits paid (including direct rollovers)	2e	97295	
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions).....	2g		
h Administrative service providers (salaries, fees, and commissions)	2h		
i Other expenses	2i		
j Total expenses (add lines 2e, 2f, 2g, 2h, and 2i).....	2j		97295
k Net income (loss) (subtract line 2j from line 2d)	2k		-24783
l Transfers to (from) the plan (see instructions)	2l		-2276000

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

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

Part II Compliance Questions

4 During the plan year:	Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)		X	
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of plan year or classified during the year as uncollectible? Disregard participant loans secured by the participant's account balance.		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible?		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a.)		X	
e Was the plan covered by a fidelity bond?	X		500000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
i Did the plan at any time hold 20% or more of its assets in any single security, debt, mortgage, parcel of real estate, or partnership/joint venture interest?		X	
j Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	X		
k Are you claiming a waiver of the annual examination and report of an independent qualified public accountant (IQPA) under 29 CFR 2520.104-46? If "No," attach an IQPA's report or 2520.104-50 statement. (See instructions on waiver eligibility and conditions.)	X		
l Has the plan failed to provide any benefit when due under the plan?		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3			

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

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

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)
BASF CORPORATION CONSOLIDATED BARGAINING UNIT EMPLOYEES' PENSION PLAN	16-1090809	003

5c If the plan is a defined benefit plan, is it covered under the PBGC insurance program (see ERISA section 4021)? ☒ Yes ☐ No ☐ Not determined

Part III Trust Information (optional)

6a Name of trust	6b Trust's EIN

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 section 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2013 This Form is Open to Public Inspection.
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For calendar plan year 2013 or fiscal plan year beginning 01/01/2013 and ending 09/01/2013

A Name of plan <u>BASF CORPORATION HOURLY PENSION PLAN FOR CONSTRUCTION CHEMICALS BUSINESS EMPLOYEES</u>	B Three-digit plan number (PN) ▶ <u>031</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>BASF CORPORATION</u>	D Employer Identification Number (EIN) <u>16-1090809</u>

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

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....	1	<u>0</u>
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): <u>04-3275867</u>		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....	3	<u>0</u>

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

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

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): _____

Schedule SB Attachments (Form 5500) – 2013 Plan Year

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

BASF Corporation Hourly Pension Plan for Construction Chemicals Business Employees

EIN: 16-1090809 PN: 031

(1) Ages	(2) Rate of Retirement	(3) Remaining Active (3) at AGE-1 x (1-(2))	(4) Number Retiring (3) at AGE-1 minus (3) at AGE	(5) Ages * Number Retiring: (1) x (4)
		1.0000		
50	0.000	1.0000	0.0000	0.00
51	0.000	1.0000	0.0000	0.00
52	0.000	1.0000	0.0000	0.00
53	0.000	1.0000	0.0000	0.00
54	0.000	1.0000	0.0000	0.00
55	0.050	0.9500	0.0500	2.75
56	0.050	0.9025	0.0475	2.66
57	0.050	0.8574	0.0451	2.57
58	0.050	0.8145	0.0429	2.49
59	0.050	0.7738	0.0407	2.40
60	0.100	0.6964	0.0774	4.64
61	0.100	0.6268	0.0696	4.25
62	0.500	0.3134	0.3134	19.43
63	0.500	0.1567	0.1567	9.87
64	0.500	0.0784	0.0783	5.01
65	1.000	0.0000	0.0784	5.10
66	1.000	0.0000	0.0000	0.00
67	1.000	0.0000	0.0000	0.00
68	1.000	0.0000	0.0000	0.00
69	1.000	0.0000	0.0000	0.00
70	1.000	0.0000	0.0000	0.00

Average Retirement Age:

61.17

The determination of the average retirement age assumes employees continue in employment until reaching the first age of retirement eligibility with the required number of years of service. After this point, only the retirement decrement is recognized.

Schedule SB Attachments (Form 5500) – 2013 Plan Year

Schedule SB, Line 24 — Change in Actuarial Assumptions

BASF Corporation Hourly Pension Plan for Construction Chemicals Business Employees

EIN: 16-1090809 PN: 031

The administrative expense load increased from 0.30% of the Fair Value of Assets in 2012 to 0.35% of the Fair Value of Assets in 2013.

Schedule SB Attachments (Form 5500) – 2013 Plan Year
Schedule SB, Line 26 - Schedule of Active Participant Data
BASF Corporation Hourly Pension Plan for Construction Chemicals Business Employees
EIN: 16-1090809 PN: 031

Analysis of Active Participant Data by Age and Service - BASF Corporation Hourly Pension Plan for Construction Chemicals Business Employees

Attained Age	COMPLETED YEARS OF SERVICE										
		Under 1	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & up
Under 25	Count	0	0	0	0	0	0	0	0	0	0
25-29	Count	0	0	0	0	0	0	0	0	0	0
30-34	Count	0	0	2	0	0	0	0	0	0	0
35-39	Count	0	0	0	0	0	0	0	0	0	0
40-44	Count	0	0	1	2	0	0	0	0	0	0
45-49	Count	0	0	1	0	0	0	0	0	0	0
50-54	Count	0	0	0	1	1	0	0	1	0	0
55-59	Count	0	0	2	0	1	0	0	1	0	0
60-64	Count	0	0	0	0	0	1	0	0	0	0
65-69	Count	0	0	0	0	0	0	0	0	0	1
70 & up	Count	0	0	0	0	0	0	0	0	0	0
		AVERAGE AGE =				50.4	AVERAGE SERVICE =				17.2

Schedule SB Attachments (Form 5500) – 2013 Plan Year
Schedule SB, Line 32 – Schedule of Amortization Bases
BASF Corporation Hourly Pension Plan for Construction Chemicals Business Employees
EIN: 16-1090809 PN: 031

Amortization Record for the Plan Year

Plan Year period: 1/1/2013 through 9/1/2013
Tax Year period: 1/1/2013 through 12/31/2013

	Date Established	Remaining Period	Outstanding Balance Beginning of Year	Amortization Charge or Credit - Full Plan Year	Amortization Charge or Credit - Short Plan Year
1. Net Shortfall Amortization					
	1/1/2010	12	317,383	40,994	27,329
	1/1/2011	13	102,322	22,260	14,840
	1/1/2012	6	(261,326)	(49,373)	(32,915)
	1/1/2013	7	(5,337)	(891)	(594)
Total Amortization Charges				12,990	8,660
2. Waiver Amortization					
Total Amortization Credits				0	0

Amortization charge shown above includes a "cash flow rule" acceleration of \$2,836 for 2010 and \$6,106 for 2011 (reflecting proration for short Plan Year) triggered by compensation paid to employees in the controlled group in excess of \$1 million as indexed each year.

Schedule SB - Statement by Enrolled Actuary

Plan Sponsor	BASF Corporation
EIN/PN	16-1090809/031
Plan Name	BASF Corporation Hourly Pension Plan for Construction Chemicals Business Employees
Valuation Date	January 1, 2013
Enrolled Actuary	William J. Nickel, F.S.A., E.A.
Enrollment Number	11-07016

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.

The BASF Corporation Hourly Pension Plan for Construction Chemicals Business Employees (EIN/PN 16-1090809/031) merged into the BASF Corporation Consolidated Bargaining Unit Employees' Pension Plan (EIN/PN 16-1090809/003) effective September 1, 2013. The minimum required contribution for the period during 2013 before the merger (i.e. January 1, 2013 through August 31, 2013) for the former BASF Corporation Hourly Pension Plan for Construction Chemicals Business Employees was determined as the sum of the target normal cost accrued during this period and a proration of the entire 2013 expected expenses and of the outstanding January 1, 2013 amortization installments for the eight month Plan Year in accordance with IRS proposed regulation §1.430(a)-1. These amounts are shown on the attached forms. Excess installment acceleration amount to be carried over to future plan years of \$7,102 is included in line 43 on Form 5500 Schedule SB for the BASF Corporation Consolidated Bargaining Unit Employees Pension Plan (EIN/PN 16-1090809/003).

SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500 or 5500-SF.	OMB No. 1210-0110 2013 This Form is Open to Public Inspection
--	--	---

For calendar plan year 2013 or fiscal plan year beginning 01/01/2013 and ending 09/01/2013

► **Round off amounts to nearest dollar.**

► **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan BASF Corporation Hrly Pension Plan for Construction Chemicals Ees	B Three-digit plan number (PN) ► 031
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF BASF Corporation	D Employer Identification Number (EIN) 16-1090809
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500

Part I Basic Information			
1 Enter the valuation date:	Month 1	Day 1	Year 2013
2 Assets:			
a Market value	2a		2,419,989
b Actuarial value	2b		2,419,989
3 Funding target/participant count breakdown:		(1) Number of participants	(2) Funding Target
a For retired participants and beneficiaries receiving payment	3a	24	1,243,063
b For terminated vested participants	3b	31	545,416
c For active participants:			
(1) Non-vested benefits	3c(1)		82,573
(2) Vested benefits	3c(2)		701,979
(3) Total active	3c(3)	15	784,552
d Total	3d	70	2,573,031
4 If the plan is in at-risk status, check the box and complete lines (a) and (b)			
a Funding target disregarding prescribed at-risk assumptions	4a		
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b		
5 Effective interest rate	5		6.33 %
6 Target normal cost	6		36,066

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	William J. Nickel	06/09/2014
	Signature of actuary	Date
WILLIAM J. NICKEL, F.S.A., E.A.		11-07016
	Type or print name of actuary	Most recent enrollment number
Towers Watson Pennsylvania Inc.		(215) 246-4293
	Firm name	Telephone number (including area code)
1500 MARKET STREET		
PHILADELPHIA	PA 19102-4790	
	Address of the firm	

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

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

Schedule SB (Form 5500) 2013
v. 130118

Part II Beginning of Year Carryover and Prefunding Balances		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	0
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9	Amount remaining (line 7 minus line 8)	0	0
10	Interest on line 9 using prior year's actual return of <u>12.50</u> %		
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year)		89,692
	b Interest on (a) using prior year's effective interest rate of <u>7.03</u> % except as otherwise provided (see instructions)		6,305
	c Total available at beginning of current plan year to add to prefunding balance		95,997
	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	94.05 %
15	Adjusted funding target attainment percentage	15	94.05 %
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	93.21 %
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and Liquidity Shortfalls					
18 Contributions made to the plan for the plan year by employer(s) and employees:					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
04/11/2013	8,032	0			
07/12/2013	8,032	0			
09/13/2013	7,140	0			
05/11/2014	25,000	0			
Totals ►			18(b)	48,204	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 45,518
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
0	0
(3) 3rd	(4) 4th
0	0

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

21 Discount rate:				
a Segment rates:	1st segment: 4.94 %	2nd segment: 6.15 %	3rd segment: 6.76 %	☐ N/A, full yield curve used
b Applicable month (enter code).....				21b 4
22 Weighted average retirement age				22 61
23 Mortality table(s) (see instructions) ☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute				

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment.	☒ Yes ☐ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.	☐ Yes ☒ No
26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.	☒ Yes ☐ No
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment	27

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

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

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6).....	31a	36,066	
b Excess assets, if applicable, but not greater than line 31a	31b	0	
32 Amortization installments:	Outstanding Balance	Installment	
a Net shortfall amortization installment.....	0	8,660	
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	0	
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33) ..	34	44,726	
	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	44,726	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c).....	37	45,518	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	792	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	0	
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0	
40 Unpaid minimum required contributions for all years	40	0	

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

41 If an election was made to use PRA 2010 funding relief for this plan:			
a Schedule elected	☐ 2 plus 7 years ☒ 15 years		
b Eligible plan year(s) for which the election in line 41a was made	☐ 2008 ☐ 2009 ☒ 2010 ☒ 2011		
42 Amount of acceleration adjustment	42	8,942	
43 Excess installment acceleration amount to be carried over to future plan years	43	0	

Actuarial Assumptions and Methods - Construction Chemicals Hourly Plan

Economic Assumptions

Interest rate basis:

- | | |
|---|----------------|
| ▶ Applicable month | September 2012 |
| ▶ Yield curve basis | Segment rates |
| ▶ MAP-21 applied for benefit restrictions | Yes |

Interest rates:

- | | |
|---------------------------|-------|
| ▶ First segment rate | 4.94% |
| ▶ Second segment rate | 6.15% |
| ▶ Third segment rate | 6.76% |
| ▶ Effective interest rate | 6.33% |

Demographic Assumptions

Mortality

► Healthy

Separate rates for non-annuitants (based on RP-2000 "Employees" table without collar or amount adjustments, with generational projection) and annuitants (based on RP-2000 "Healthy Annuitants" table without collar or amount adjustments, with generational projection)

► Disabled

Alternative disabled life mortality tables as defined under Revenue Ruling 96-7

Termination

Rates varying by age and service:

Age	Years of Service	
	<2	>2
20	.298	.149
25	.217	.109
30	.136	.068
35	.094	.047
40	.052	.026
45	.026	.013
50	.000	.000

Disability

SOA 1980 rates of disability.

Retirement

Rates varying by age and service:

Age	Rate
to 59	5%
60-61	10%
62-64	50%
65-70	100%

Percent married

85% of males; 55% of females

Spouse age

Wives 3 years younger than husbands

Administrative expenses

Noninvestment expenses paid from the Trust are assumed to be 0.35% of the Fair Value of Assets

Schedule SB Attachments (Form 5500) – 2013 Plan Year
Schedule SB, Part V – Statement of Actuarial Assumptions and Methods
BASF Corporation Hourly Pension Plan for Construction Chemicals Business Employees
EIN: 16-1090809 PN: 031

Form of payment:

For single employees, a Life annuity

For married employees, 40% are assumed to take a life annuity and 60% take a 50% contingent annuity.

The table below shows full detail on the percentage of participants assumed to elect each of the available optional forms of benefit payment under the plan.

Form of Payment	Single	Married
Single Life Annuity	100%	40%
50% Contingent Annuity (QJSA)	0%	60%
66⅔% Contingent Annuity (QJSA) *	0%	0%
75% Contingent Annuity (QJSA)	0%	0%
5 year Certain and Life Annuity **	0%	0%
10 year Certain and Life Annuity **	0%	0%
62 Level Income Option **	0%	0%
Deminimis lump sum	0%	0%

Since all annuity forms are actuarially equivalent, no explicit assumption is made for annuity forms other than the Single Life Annuity and 50% Contingent Annuity Option (QJSA).

* Optional forms only for Streetsboro

** Optional forms only for Berea

Schedule SB Attachments (Form 5500) – 2013 Plan Year
Schedule SB, Part V – Statement of Actuarial Assumptions and Methods
BASF Corporation Hourly Pension Plan for Construction Chemicals Business Employees
EIN: 16-1090809 PN: 031

Methods

Valuation date	First day of plan year
Funding target and target normal cost	Present value of accrued benefits
Actuarial value of assets	Actuarial value of assets is equal to the market value of assets on the valuation date (including any receivables).
Benefits Not Valued	All benefits described in the summary of plan provisions were valued.
Change in Assumptions and Methods Since Prior Valuation	<p>The funding interest rate was changed from the segment interest rates as of September 2011 to segment interest rates as of September 2012.</p> <p>The administrative expense load increased from 0.30% of the Fair Value of Assets in 2012 to 0.35% of the Fair Value of Assets in 2013.</p>

Data Sources

Towers Watson used asset data supplied by the trustee. BASF and the plan administrator furnished participant data as of the valuation date. The company provided the dates and amounts of the 2012 contributions that will be paid in 2013. Data were reviewed for reasonableness and consistency, but no audit was performed. Based on discussions with the company, assumptions or estimates were made when data were not available, and the data was adjusted to reflect any significant events that occurred between the date the data was collected and the measurement date. We are not aware of any errors or omissions in the data that would have a significant effect on the results of our calculations.

Schedule SB Attachments (Form 5500) – 2013 Plan Year
Schedule SB, Part V – Summary of Plan Provisions
BASF Corporation Hourly Pension Plan for Construction Chemicals Business Employees
EIN: 16-1090809 PN: 031

Plan Provisions – BASF Construction Chemicals Hourly Pension Plan

Effective Date	April 12, 1985. This report reflects the most recent amendment dated August 31, 2013.
Covered Employees	Hourly paid non-leased employees who are members of a collective bargaining unit that has bargained for coverage hired prior to January 1, 2009.
Participation Date	All employees on 1/1/1994 that were Members of the Plan on 12/31/1993 continue to be Members. Streetsboro workers become members on the date of completion of 450 hours of service during a Vesting Computation Period (consecutive 12-month period of service beginning on the date first credited with an hour of service. Berea workers become members on the first of the month coincident with or following the completion of one hour of service.

Definitions

Vesting service	<p>5 Years of Continuous service</p> <p>Streetsboro: earn a year of continuous service for each 12 month period, beginning with DOH and earned at least 1,000 hours, and partial year of service if hours are between 501 and 1,000 (see credited service schedule).</p> <p>Berea: earn service beginning with DOH and ending with Severance date. Continuous service will include all service earned under the Ceilcote Company.</p>
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Schedule SB Attachments (Form 5500) – 2013 Plan Year

Schedule SB, Part V – Summary of Plan Provisions

BASF Corporation Hourly Pension Plan for Construction Chemicals Business Employees

EIN: 16-1090809 PN: 031

Pension service

► Streetsboro

– prior to 4/1/1987

Hours Worked

Credited Service

1700 +

1 yr

1530-1700

9/10

1360-1530

8/10

1190-1360

7/10

1020-1190

6/10

850-1020

5/10

680-850

4/10

450-680

3/10

< 450

none

– after 4/1/1987

Hours Worked

Credited Service

1000 +

1 yr

900-1000

9/10

800-900

8/10

700-800

7/10

600-700

6/10

501-600

5/10

< 501

none

Schedule SB Attachments (Form 5500) – 2013 Plan Year
Schedule SB, Part V – Summary of Plan Provisions
BASF Corporation Hourly Pension Plan for Construction Chemicals Business Employees
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► Berea

– Can earn up to 25 years; service before April 29, 1988 not included:	<u>Hours Worked</u>	<u>Credited Service</u>
	1600 +	1 yr
	1475-1600	11/12
	1350-1475	10/12
	1225-1350	9/12
	1100-1225	8/12
	975-1100	7/12
	850-975	6/12
	725-850	5/12
	600-725	4/12
	450-600	3/12
	300-450	2/12
	150-300	1/12
	< 150	none

Normal retirement date
(NRD)

Streetsboro: first day of calendar month following attainment of age 65
Berea: first day of calendar month coincident or following attainment of age 65

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Monthly pension benefit	Streetsboro: \$34.00 times Credited Service (see prior years of dollar levels below)
	On or after 4/1/1984 and before 4/1/1986 \$11.00
	On or after 4/1/1986 and before 4/1/1987 \$12.00
	On or after 4/1/1987 and before 4/1/1989 \$15.00
	On or after 4/1/1989 and before 4/1/1990 \$16.00
	On or after 4/1/1990 and before 4/1/1991 \$17.00
	On or after 4/1/1991 and before 4/1/1992 \$18.00
	On or after 4/1/1992 and before 4/1/1993 \$18.50
	On or after 4/1/1993 and before 4/1/1994 \$19.00
	On or after 4/1/1994 and before 4/1/1995 \$20.00
	On or after 4/1/1995 and before 4/1/1996 \$21.00
	On or after 4/1/1996 and before 4/1/1997 \$22.00
	On or after 4/1/1997 and before 4/1/1998 \$23.00
	On or after 4/1/1998 and before 4/1/1999 \$24.50
	On or after 4/1/1999 and before 4/1/2000 \$25.50
	On or after 4/1/2000 and before 4/1/2001 \$26.00
	On or after 4/1/2001 and before 4/1/2002 \$28.00
	On or after 4/1/2002 and before 4/1/2003 \$29.00
	On or after 4/1/2003 and before 4/1/2005 \$30.00
	On or after 4/1/2005 and before 4/1/2006 \$31.00
	On or after 4/1/2006 and before 4/1/2008 \$32.00
	On or after 4/1/2008 and before 12/31/2008 \$33.00
	On or after 1/1/2009 and before 12/31/2009 \$34.00
	On or after 1/1/2010 and before 12/31/2010 \$35.00
	On or after 1/1/2011 and before 12/31/2011 \$36.00
	On or after 1/1/2012 \$37.00

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Berea: \$17.00 times Credited Service (see prior years of dollar levels below)

On or after 4/1/1988 and before 1/1/1989	\$9.00
On or after 1/1/1989 and before 1/1/1992	\$9.50
On or after 1/1/1992 and before 1/1/1993	\$12.00
On or after 1/1/1993 and before 1/1/1994	\$13.00
On or after 1/1/1994 and before 1/1/1995	\$14.00
On or after 1/1/1995 and before 1/1/1996	\$15.00
On or after 1/1/1996 and before 1/1/1997	\$16.00
On or after 1/1/1997	\$17.00

Pursuant to collective bargaining, BASF prospectively eliminated all benefit accruals after August 31, 2013.

Monthly preretirement death benefit	The monthly benefit is equal to 50% of the benefit which would have been paid to the participant if the participant had terminated employment the day before death, elected to begin receiving benefits at earliest possible retirement age, survived to such date, and elected the joint & 50% survivor option. The benefits to the surviving spouse commence on the first day of the month in which the participant would have attained earliest retirement age.
Monthly post-retirement death benefit	If a Streetsboro worker dies after beginning to receive normal or early retirement benefits, or a disability income allowance, his designated Beneficiary is eligible to receive, effective for retirements on or after April 1, 2001, a \$5,000 (\$4,000 for retirements on or after April 1, 1998 and before April 1, 2001, \$2,000 for retirements prior to April 1, 1998) postretirement death allowance. This is a lump sum payment and is made in addition to any other benefits that may be paid to his Beneficiary.

Eligibility for Benefits

Normal retirement	Retirement on NRD
Early retirement	Streetsboro: later of age 62 and 10 years of credited service or the later of age 60 and 25 years credited service if on or after 4/1/2001. Berea: later of 55 and 15 years of continuous service.
Postponed retirement	Retirement after NRD
Vested termination	Termination for reasons other than death or retirement after completing five years of vesting service

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Disability	Permanent and total disability prior to NRD (own occupation definition for Streetsboro and any occupation definition for Berea). Streetsboro must have 15 years of credited service and Berea must have 15 years of continuous service.
Preretirement death benefit	Death while eligible for normal, early, postponed, or deferred vested retirement benefits, with a surviving spouse. Berea also eligible if age 55 (<5 years of service); and must be married 1 year.
Postretirement death benefit	Death after beginning to receive a retirement or disability benefit.

Benefits Paid Upon the Following Events

Normal retirement	Monthly pension benefit determined as of NRD
Early retirement	<p>Streetsboro: Monthly pension benefit reduced 3.6% for each year before age 65. Benefits will not be reduced if employee retires on or after 4/1/2001 and is at least age 60 with at least 25 years of credited service.</p> <p>Berea: Monthly pension benefit determined as of early retirement date, reduced 6.0% for each year of payment before age 65.</p>
Postponed retirement	Monthly pension benefit determined as of actual retirement date
Vested termination	Monthly pension benefit determined as of termination date, reduced 6.0% for each year that payment precedes the participant's NRD.
Disablement	<p>Streetsboro: Monthly pension benefit, if employee became disabled on or after 4/1/2001 and before 4/1/2005 minimum monthly benefit of \$400, \$250 if on or after 4/1/1989 but before 4/1/1992, \$225 if on or after 4/1/1992 but before 4/1/2001, \$150 if before 4/1/1989, benefit is offset for any Workers Compensation or other company LTD benefits.</p> <p>Berea: 110% of the monthly pension benefit, this amount cannot be more than the benefit at NRD.</p>
Preretirement death	<p>Streetsboro: Monthly preretirement death benefit is reduced by 3.6% for each year that payment precedes the date the participant would have been 65 years old. Benefit will not be reduced if employee retires on or after 4/1/2001 and is at least age 60 with at least 25 years of credited service.</p> <p>Berea: Monthly preretirement death benefit is reduced 6.0% for each year of payment before 65.</p>
Postretirement death	Monthly postretirement death benefit payable after the death of a retired or disable participant.

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 the 50% joint and survivor annuity option or, if the participant elects and the spouse consents, another actuarially equivalent optional form offered by the plan. A lump sum is paid if the benefit is under \$5,000. The normal form for Berea is 5 year certain and continuous, for both single and married participants.

Optional forms are also available. Refer to the Assumptions and Methods section for a list of all available forms. See Appendix I for actuarial equivalence basis used to adjust benefit amount for optional forms of payment.

Maximum on benefits and pay

All benefits 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. Increases in the dollar limits are not assumed for determining contributions.

Future Plan Changes

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

Changes in Benefits Valued Since Prior Year

The plan was amended to eliminate benefit accruals prospectively after August 31, 2013.

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Appendix I - BASF Corporation Hourly Pension Plan for Construction Chemicals Business Employees

Sample Factors for Contingent (C.A.) forms of annuity:

Participant Age/ Spouse Age	50% C.A.	75% C.A.	66-2/3% C.A.
65/65	.8498	.7904	.8092
60/60	.8743	.8225	.8391
55/55	.8970	.8530	.8671