

**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

**2009**

**This Form is Open to Public Inspection**

For calendar plan year 2009 or fiscal plan year beginning 12/01/2009 and ending 11/30/2010


▶ **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.

<b>A</b> Name of plan		<b>B</b> Three-digit plan number (PN)	063
Retirement Plan of Pro Brush Div. of Vistron Corp			
<b>C</b> Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF		<b>D</b> Employer identification number (EIN)	
BP Corporation North America Inc.		36-1812780	
<b>E</b> Type of plan: <input checked="" type="checkbox"/> Single <input type="checkbox"/> Multiple-A <input type="checkbox"/> Multiple-B		<b>F</b> Prior year plan size: <input type="checkbox"/> 100 or fewer <input type="checkbox"/> 101-500 <input checked="" type="checkbox"/> More than 500	

Part I Basic Information			
<b>1</b>	Enter the valuation date:	Month <u>12</u> Day <u>1</u> Year <u>2009</u>	
<b>2</b>	Assets:		
<b>a</b>	Market value.....	<b>2a</b>	524,251
<b>b</b>	Actuarial value.....	<b>2b</b>	566,929
<b>3</b>	Funding target/participant count breakdown	(1) Number of participants	(2) Funding Target
<b>a</b>	For retired participants and beneficiaries receiving payment.....	<b>3a</b> 252	619,676
<b>b</b>	For terminated vested participants.....	<b>3b</b> 11	30,761
<b>c</b>	For active participants:		
	(1) Non-vested benefits.....	<b>3c(1)</b>	0
	(2) Vested benefits.....	<b>3c(2)</b>	0
	(3) Total active.....	<b>3c(3)</b> 0	0
<b>d</b>	Total.....	<b>3d</b> 263	650,437
<b>4</b>	If the plan is at-risk, check the box and complete items (a) and (b)..... <input type="checkbox"/>		
<b>a</b>	Funding target disregarding prescribed at-risk assumptions.....	<b>4a</b>	
<b>b</b>	Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been at-risk for fewer than five consecutive years and disregarding loading factor.....	<b>4b</b>	
<b>5</b>	Effective interest rate.....	<b>5</b>	6.35 %
<b>6</b>	Target normal cost.....	<b>6</b>	30,000

**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.

<b>SIGN HERE</b>	<u>David E. Weissner</u> 	<u>08/16/2011</u>
	Signature of actuary	Date
<u>David E. Weissner</u>		<u>11-06299</u>
	Type or print name of actuary	Most recent enrollment number
<u>Mercer</u>		<u>(312) 917-9900</u>
	Firm name	Telephone number (including area code)
<u>155 North Wacker Drive, Suite 1500</u>		
	Address of the firm	
<u>Chicago</u>	<u>IL 60606-7485</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) 2009 v.092308.1

<b>Part II Beginning of year carryover and prefunding balances</b>		(a) Carryover balance	(b) Prefunding balance
<b>7</b>	Balance at beginning of prior year after applicable adjustments (Item 13 from prior year) .....	0	0
<b>8</b>	Portion used to offset prior year's funding requirement (Item 35 from prior year) .....	0	0
<b>9</b>	Amount remaining (Item 7 minus item 8).....	0	0
<b>10</b>	Interest on item 9 using prior year's actual return of <u>29.44</u> % .....		
<b>11</b>	Prior year's excess contributions to be added to prefunding balance:		
<b>a</b>	Excess contributions (Item 38 from prior year) .....		0
<b>b</b>	Interest on (a) using prior year's effective rate of <u>8.29</u> % .....		0
<b>c</b>	Total available at beginning of current plan year to add to prefunding balance .....		0
<b>d</b>	Portion of (c) to be added to prefunding balance.....		0
<b>12</b>	Reduction in balances due to elections or deemed elections.....	0	0
<b>13</b>	Balance at beginning of current year (item 9 + item 10 + item 11d - item 12) .....	0	0

<b>Part III Funding percentages</b>			
<b>14</b>	Funding target attainment percentage.....	<b>14</b>	87.16 %
<b>15</b>	Adjusted funding target attainment percentage.....	<b>15</b>	87.16 %
<b>16</b>	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement.....	<b>16</b>	93.69 %
<b>17</b>	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage.....	<b>17</b>	%

<b>Part IV Contributions and liquidity shortfalls</b>					
<b>18</b> 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
02/22/2011	42,000	0			
<b>Totals ▶</b>			<b>18(b)</b>	42,000	<b>18(c)</b>
					0

<b>19</b> Discounted employer contributions - see instructions for small plan with a valuation date after the beginning of the year:			
<b>a</b>	Contributions allocated toward unpaid minimum required contribution from prior years. ....	<b>19a</b>	0
<b>b</b>	Contributions made to avoid restrictions adjusted to valuation date .....	<b>19b</b>	0
<b>c</b>	Contributions allocated toward minimum required contribution for current year adjusted to valuation date .....	<b>19c</b>	38,943

<b>20</b> Quarterly contributions and liquidity shortfalls:			
<b>a</b>	Did the plan have a "funding shortfall" for the prior year? .....	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<b>b</b>	If 20a is "Yes," were required quarterly installments for the current year made in a timely manner? .....	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<b>c</b>	If 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**

<b>21</b> Discount rate:				
<b>a</b> Segment rates:	1st segment: 5.12 %	2nd segment: 6.74 %	3rd segment: 6.83 %	<input type="checkbox"/> N/A, full yield curve used
<b>b</b> Applicable month (enter code) .....				<b>21b</b> 4
<b>22</b> Weighted average retirement age .....				<b>22</b> 65
<b>23</b> Mortality table(s) (see instructions)	<input type="checkbox"/> Prescribed - combined	<input checked="" type="checkbox"/> Prescribed - separate	<input type="checkbox"/> Substitute	

**Part VI Miscellaneous items**

<b>24</b> Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment. ....	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<b>25</b> Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment. ....	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
<b>26</b> Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment. ....	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<b>27</b> If the plan is eligible for (and is using) alternative funding rules, enter applicable code and see instructions regarding attachment.....	<b>27</b>	

**Part VII Reconciliation of unpaid minimum required contributions for prior years**

<b>28</b> Unpaid minimum required contribution for all prior years .....	<b>28</b>	0
<b>29</b> Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (item 19a).....	<b>29</b>	0
<b>30</b> Remaining amount of unpaid minimum required contributions (item 28 minus item 29).....	<b>30</b>	0

**Part VIII Minimum required contribution for current year**

<b>31</b> Target normal cost, adjusted, if applicable (see instructions).....	<b>31</b>	30,000
<b>32</b> Amortization installments:	Outstanding Balance	Installment
<b>a</b> Net shortfall amortization installment .....	44,482	7,496
<b>b</b> Waiver amortization installment.....	0	0
<b>33</b> 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 .....	<b>33</b>	
<b>34</b> Total funding requirement before reflecting carryover/prefunding balances (item 31 + item 32a + item 32b - item 33).....	<b>34</b>	37,496
<b>35</b> Balances used to offset funding requirement .....	Carryover balance	Prefunding balance
	0	0
<b>36</b> Additional cash requirement (item 34 minus item 35).....	<b>36</b>	37,496
<b>37</b> Contributions allocated toward minimum required contribution for current year adjusted to valuation date (Item 19c).....	<b>37</b>	38,943
<b>38</b> Interest-adjusted excess contributions for current year (see instructions).....	<b>38</b>	1,447
<b>39</b> Unpaid minimum required contribution for current year (excess, if any, of item 36 over item 37).....	<b>39</b>	0
<b>40</b> Unpaid minimum required contribution for all years .....	<b>40</b>	0

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

<b>Discount rate elections</b>	<b>Funding</b>
▪ Segment rates or full yield curve	Segment
▪ Look-back months	4
▪ 1st 5 years	5.12%
▪ Next 15 years	6.74%
▪ Over 20 years	6.83%
<b>Mortality elections</b>	2009 PPA separate generational annuitant mortality table
<b>417(e) lump sums</b>	
▪ Annuity substitution	N/A
▪ Generational mortality option	N/A
▪ Phase-in option	N/A
<b>Non-417(e) lump sums</b>	
▪ Mortality table	N/A
▪ Interest rate	N/A
<b>Other economic assumptions</b>	
▪ Salary increases	N/A
▪ Social Security wage base	N/A
▪ Inflation	N/A
▪ Expenses	Administrative expenses of \$30,000 were assumed for current year normal cost determination
▪ Expected investment return	7.50%
▪ Rate used to increase benefits in future years to anticipate dollar multiplier increases	Defined by the formula $[(1 + \text{Expected investment return}) / (1 + .035)] - 1$ rounded to four decimal places at each step of the calculation. <ul style="list-style-type: none"> <li>▪ 3.865% as of December 1, 2009</li> </ul>
▪ Death Benefit	Assumed that the estates of all terminated vested and retired participants (not previously identified as receiving death benefit for Allstate Group Annuity Contract 1022) will receive \$1,000 upon death.
<b>Demographic assumptions</b>	
Withdrawal	N/A
Disability incidence	N/A
Retirement age	N/A
Benefit commencement age for	
▪ Future vested deferred	65
▪ Current vested deferred	65

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

Spouse assumptions	<u>Male participants</u>	<u>Female participants</u>
▪ Percentage married	80%	80%
▪ Spouse age difference	3 years younger	3 years older

**Form of payment**

▪ Future deaths	N/A (Death Benefit)
▪ Current vested deferred	Single Life Annuity

*Table of Sample Mortality Rates*

Attained Age	Annuitant Male			Annuitant Female		
	2010	2020	2030	2010	2020	2030
30	0.04%	0.04%	0.04%	0.02%	0.02%	0.02%
35	0.07	0.07	0.07	0.04	0.04	0.03
40	0.10	0.09	0.08	0.06	0.05	0.04
45	0.20	0.17	0.15	0.10	0.08	0.07
50	0.45	0.37	0.31	0.20	0.17	0.14
55	0.49	0.40	0.33	0.33	0.30	0.28
60	0.70	0.59	0.51	0.59	0.56	0.53

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

### *Asset methods*

We used financial data submitted by the trustee as of December 1, 2009 without further audit. Customarily, this information would not be verified by a plan's actuary. We have reviewed the information for internal consistency and we have no reason to doubt its substantial accuracy.

For purposes of determining the actuarial value of assets, benefit payments and expenses were based on unaudited monthly trustee statements.

The asset valuation method is a quarterly average of the market value of assets, adjusted with expected interest not greater than the third segment rate, over the prior 24 months. This amount is adjusted to be no greater than 110% of market value, as defined in Section 430 of the Internal Revenue Code.

A characteristic of this asset valuation method is that, over time, it is slightly more likely to produce an actuarial value of assets that is less than the market value of assets than an actuarial value that is greater than market.

### *Participant methods*

We used the participant data supplied by the plan sponsor. We have reviewed the data and have no reason to doubt its substantial accuracy. Participants or former participants are included or excluded from the valuation as described below:

- **Participants included:** The plan sponsor provides us with data on all employees as of the valuation date, but only those employees who have completed the plan's eligibility requirements are included in the valuation of liabilities.
- **Participants excluded:** No actuarial liability is included for nonvested participants who terminated prior to the valuation date. For this purpose, participants with a break in service on the valuation date are treated as terminated participants.
- **Insurance contracts:** The plan excludes anyone whose death benefit is covered by Allstate Group Annuity Contract 1022.

### *Plan sponsor elections*

#### **Funding interest rate:**

- Segmented yield curve
- Four-month look back (August)
- No phase-in

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

### *Minimum funding method*

Target liability for minimum funding calculations is computed using the traditional unit credit method of funding. The objective under this method is to fund each participant's benefits under the plan as they accrue. Thus, the total pension to which each participant is expected to become entitled at retirement is broken down into units, each associated with a year of past or future credited service. A detailed description of the calculation follows:

- An individual's **accrued liability** is the present value of benefits based on credited service and average pay as of the beginning of the plan year, and an individual's **normal cost** is the present value of the benefit deemed to accrue in the plan year. If multiple decrements are used, the accrued liability and the normal cost for an individual are the sum of the component accrued liabilities and normal costs associated with the various anticipated separation dates.
- The plan's **target normal cost** is the sum of the individual normal costs, and the plan's **funding target liability** is the sum of the accrued liabilities for all participants under the plan.

### *Maximum deductible contribution method*

Calculations of maximum deductible contributions include the excess of the accrued liability computed using the projected unit credit method over the minimum funding target liability. The objective of the projected unit credit method is to fund each participant's benefits under the plan as they accrue, taking into consideration future compensation increases. Thus, the total pension to which each participant is expected to become entitled at retirement is broken down into units, each associated with a year of past or future credited service.

A detailed description of the calculation follows:

- An individual's **projected accrued liability** is the present value of benefits based on credited service as of the beginning of the plan year and projected compensation that would be used in the calculation of the benefit on each expected separation date. If multiple decrements are used, the accrued liability for an individual is the sum of the component accrued liabilities associated with the various anticipated separation dates.
- The plan's **projected funding target liability** is the sum of the projected accrued liabilities for all participants under the plan.

## Schedule SB, Part V — Summary of Plan Provisions

Following is a brief summary of the major plan provisions used to determine the plan's financial position. It should not be used in determining plan benefits.

<i>Effective Date and Plan Year</i>	The original effective date of the plan is January 1, 1963. The plan was most recently amended and restated effective January 1, 2002 and further amended on December 31, 2002. The plan year is December 1 to November 30.
<i>Type of Plan and Administration</i>	Defined benefit pension plan administered by the employer.
<i>Employer</i>	BP Corporation North America Inc.
<i>Employees Included</i>	No new participants after November 30, 1967.
<i>Employee Contributions</i>	None after November 30, 1967.
<i>Service Considered</i>	Vesting: Periods of participant's employment, including participation in this plan, any predecessor plan, and the Sohio Retirement Plan. On or after January 1, 1976, a year of vesting service is granted for each Plan year in which at least 501 hours are worked.
<i>Compensation</i>	Basic Annual Compensation
<i>Accrued Benefit</i>	Both the Dollar Annuity [the sum of (a), (b), and (c)] and the Equity Annuity [the sum of (b) and (c)]: <ol style="list-style-type: none"> <li>Retirement pension from the Warner-Lambert Plan reduced by any pension which has been converted to the Equity Annuity pension.</li> <li>For Months between December 1, 1956 and December 1, 1967, during which employee contributions were made, ½% of Compensation up to 1/12 of the Social Security Wage Base.</li> <li>1% of Compensation on which employee contributions were made.</li> </ol> <p>The Equity Annuity is expressed in the form of units based on the dollar value of the units during the period over which the Annuity is accrued. The Equity Annuity benefit equals the number of units multiplied by the dollar value of each unit.</p>
<i>Normal Retirement</i>	Age 65. The Dollar and Equity accrued benefits.
<i>Early Retirement</i>	Age 55. Reduced amount determined as the Actuarial Equivalent of the benefit payable at Normal Retirement.
<i>Deferred Vested Termination</i>	3 years of Vesting Service <ol style="list-style-type: none"> <li>Non-vested participant receives Dollar Annuity based only on contributions, or a refund of contributions with interest</li> <li>Vested participant receives accrued Dollar Annuity and Equity Annuity reduced actuarially for commencement prior to age 65, or a refund of contributions with interest.</li> </ol>

**Schedule SB, Part V — Summary of Plan Provisions**

<i>Survivor Benefits:</i>	<p>Post-Retirement Determined by option elected upon retirement.</p> <p>Deferred-Vested Spouse receives 50% of accrued benefit under joint and 50% survivor form, reduced for early retirement, and period of coverage. Benefit is payable at the later of age 55 and date of death.</p>
<i>Death Benefits</i>	<p>Pre-Retirement – Less than 5 years of service; Employee contributions with interest.</p> <p>Post Benefit Commencement - prior to age 65 Greater of employee contributions with interest over amounts already paid or \$1,000.</p> <p>Post Benefit Commencement – after age 65 \$1,000.</p>
<i>Normal Form of Benefit</i>	50% joint and survivorship annuity if married, straight life annuity if unmarried.
<i>Optional Forms of Benefits</i>	<p>a. Joint and Survivor Annuity Option</p> <p>b. Straight Life Annuity Option</p> <p>c. Social Security Level Annuity Option</p>
<i>Special Provisions</i>	There are special provisions in the Plan for former employees of Champion Molded Plastics, Inc.
<i>Disability</i>	None
<i>Dollar Value of a Unit</i>	<p>The dollar value of a unit is equal to:</p> <ul style="list-style-type: none"> <li>▪ as of November 30, 1957, \$1.00</li> <li>▪ until November 30, 1963, the value of a unit under the Warner-Lambert Plan</li> <li>▪ after November 30, 1963, the market value of assets in the Equity Fund divided by the present value of all units. The dollar value is redetermined on each subsequent November 30.</li> <li>▪ As of November 30, 2006, \$5.4387</li> <li>▪ After November 30, 2006 the value of a unit at the last accounting date adjusted for Time Weighted Rate of Return (TWROR) in excess of (or short of) 3.5% as derived in the formula <math>[(1 + \text{TWROR}) / (1 + .035)] - 1</math> rounded to four decimal places at each step of the calculation</li> <li>▪ As of November 30, 2007, \$6.1648</li> <li>▪ As of November 30, 2008, \$3.6539</li> <li>▪ As of November 30, 2009, \$4.5254</li> </ul>

## Schedule SB, Part V — Summary of Plan Provisions

<i>Equity Annuity Present Value</i>	<p>Assumptions provided in plan document include:</p> <ul style="list-style-type: none"> <li>▪ Investment increment at the rate of 3 ½% per year, compounded annually</li> <li>▪ No allowance for expenses, contingencies, or employee turnover</li> </ul>
<i>Transfer of Amounts from Equity Fund to Dollar Fund</i>	<p>Per Article 16 of the Plan Document: Effective November 30, 1994, the Investment Committee may transfer amounts from the Equity Fund to the Dollar Fund such amounts as are actuarially determined to be necessary to fund the benefits of the Dollar Fund.</p>
<i>Other Plan Provisions</i>	<p>The above outline of the basic benefit structure of the Plan is not intended to provide sufficient information to determine individual benefits. The outline should be used simply as an overview of the benefit structure and an aid in understanding and interpreting the remaining sections of this report. In addition, there are numerous plan provisions relating to all aspects of plan administration which are not included above.</p>

### *Benefits included or excluded*

Unless noted below, all benefits provided by the plan are included in this valuation.

- **Plan amendments:** Amendments adopted after the valuation date or effective after the current plan year are excluded from the valuation.
- **Scheduled benefit increases:** Scheduled benefit increases effective after the end of the current plan year are excluded from minimum funding requirements.
- **Late retirement increases:** Not applicable.
- **Shutdown benefits:** We are not aware of any corporate actions that would create shutdown benefits; therefore, they are excluded.
- **IRC Section 415(b):** The limitations of Internal Revenue Code Section 415(b) have been incorporated into our calculations.
- **Benefit restrictions:** Benefit restrictions (if applicable) are ignored in this valuation.

### *Significant events*

To the best of our knowledge, no events occurred during the year that would significantly affect the valuation results.

### *Changes since the prior valuation*

The dollar value of a unit was updated from \$3.6539 to \$4.5254 based on the actual Time Weighted Rate of Return from December 1, 2008 to November 30, 2009.

There were no other changes in plan provisions since the prior valuation as of December 1, 2008.

## **Schedule SB, Line 24 — Change in Actuarial Assumptions**

The interest discount was changed from the full yield curve with a one-month look back using average October yields to the segmented yield curve with four-month look back.

## **Schedule SB, Line 25 — Change in Method**

Beginning with the 2009 valuation, expected administrative expenses are added to the normal cost.

**Schedule SB, Line 32 — Schedule of Amortization Bases**

The shortfall amortization charge is the sum of the shortfall base amortization for each plan year covered under PPA. Although a shortfall base can be negative, the combined shortfall amortization charge cannot be negative.

<b>Shortfall bases</b>			
<b>Year established</b>	<b>Outstanding balance</b>	<b>Years remaining</b>	<b>Installment</b>
2009	44,482	7	7,496
Total	\$ 44,482		\$ 7,496