

AIR PRODUCTS & CHEMICALS INC /DE/

Form 4

October 09, 2007

FORM 4**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

Check this box
if no longer
subject to
Section 16.
Form 4 or
Form 5
obligations
may continue.
See Instruction
1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF
SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section
30(h) of the Investment Company Act of 1940

OMB APPROVAL

OMB
Number: 3235-0287
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2005
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burden hours per
response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person *
Dixon Robert D

2. Issuer Name **and** Ticker or Trading
Symbol

AIR PRODUCTS & CHEMICALS
INC /DE/ [APD]

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

(Last) (First) (Middle)

7201 HAMILTON BOULEVARD

(Street)

ALLENTOWN, PA 18195

(City) (State) (Zip)

3. Date of Earliest Transaction
(Month/Day/Year)
10/02/2007

4. If Amendment, Date Original
Filed(Month/Day/Year)

____ Director ____ 10% Owner
____X____ Officer (give title ____ Other (specify
below) below)

V.P. and G.M. Merchant Gases

6. Individual or Joint/Group Filing(Check
Applicable Line)
____X____ Form filed by One Reporting Person
____ Form filed by More than One Reporting
Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)	
Common Stock	10/02/2007		F	34	D	\$ 98.38	16,625.18	D
Common Stock						3,592.45	I	By RSP

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

**Persons who respond to the collection of
information contained in this form are not
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SEC 1474
(9-02)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Following Reported Transaction (Instr. 6)
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title or Number of Shares	

Relationships

Reporting Owner Name / Address

Director 10% Owner Officer Other

Dixon Robert D
7201 HAMILTON BOULEVARD
ALLENTOWN, PA 18195

V.P. and G.M. Merchant Gases

Signatures

By: Linda M. Svoboda as Attorney
in Fact

10/08/2007

 **Signature of Reporting Person

Date _____

Explanation of Responses:

* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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