FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

	OMB APP	ROVAL							
	OMB Number:	3235-0287							
	Estimated average burden								
П	I 6	٥٦							

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* MINELLA LYNN C					<u>A</u>	Issuer Name and Ticker or Trading Symbol AIR PRODUCTS & CHEMICALS INC /DE/ [APD] Date of Earliest Transaction (Month/Day/Year) 05/03/2011									tionship of Reporting all applicable) Director Officer (give title		10% Owner Other (specify		ner
(Last) 7201 HAI	(First) (Middle) MILTON BOULEVARD														below) below) Sr. V.P. Human Resources				
(Street) ALLENTOWN PA 18195				4. 1	4. If Amendment, Date of Original Filed (Month/Day/Year)								Individual or Joint/Group Filing (Check Applicable ne) X Form filed by One Reporting Person Form filed by More than One Reporting						
(City)	(S	tate)	(Zip)												Person				
		Tal	ole I - No	on-Deri	ivativ	e Se	curi	ties Ac	quired	l, Dis	sposed o	f, or Ber	neficia	ly O	wned				
Date				Day/Year) i		2A. Deemed Execution Date, if any (Month/Day/Year)		3. Transaction Code (Instr.) 8)		4. Securities Acquired (A) of Disposed Of (D) (Instr. 3, 4			and 5) Securit Benefic Owned		s illy ollowing	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership	
									Code	v	Amount	(A) or (D)	Price	- 1	Reported Transacti (Instr. 3 a	on(s)			(Instr. 4)
Common Stock 05/03/					3/2011	2011			М		30,000	A	\$52.8	3	62,814			D	
Common Stock 05/03/2					3/2011	2011			S		26,000	D	\$94.00	5(1)	36,	814	D		
Common Stock															201.6		I	By RSP	
			Table II								osed of, convertib			/ Ow	/ned				
Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemo Execution if any (Month/Da	Date, Trans		insaction de (Instr.		of		6. Date Exercisable a Expiration Date (Month/Day/Year)		e and 7. Title and Am of Securities Underlying Derivative Sec (Instr. 3 and 4)		De Se	3. Price of Derivative Security Instr. 5)	9. Number derivative Securities Beneficial Owned Following Reported Transactio (Instr. 4)	O' Fo Di OI (I)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					Code	v	(A)	(D)	Date Exercisa	ble	Expiration Date	Title	Amount or Number of Shares						
Stock Option (Right to	\$52.83	05/03/2011		Ì	М			30,000	08/08/19	88 ⁽³⁾	01/06/2014	Common Stock	30,000	\$0.	.0000 ⁽⁴⁾	0.000	0	D	

Explanation of Responses:

- 1. Actual sale prices ranged from \$94.00 to \$94.30.
- ${\it 2. Employee Stock Options granted under the issuer's Long-Term Incentive Plan.}$
- 3. These options became exercisable in one-third increments on the 3rd, 4th and 5th anniversaries of grant.
- 4. Not applicable to this security

Linda M. Svoboda as Attorney

05/04/2011

** Signature of Reporting Person

in Fact

Date

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

- * 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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.