

ASTEC INDUSTRIES INC  
Form 4  
May 14, 2007

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
STAFFORD ROBERT G

(Last) (First) (Middle)  
1725 SHEPHERD ROAD  
(Street)  
CHATTANOOGA, TN 37421  
(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
ASTEC INDUSTRIES INC [aste]

3. Date of Earliest Transaction (Month/Day/Year)  
05/10/2007

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing (Check Applicable Line)  
 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 Indirect Beneficial Ownership (Instr. 4)
Common Stock					3,348	I	by 401(k) Plan
Common Stock	05/10/2007		M	6,079 A \$ 29.594	7,475	D	
Common Stock	05/10/2007		M	3,921 A \$ 25.5	11,396	D	
Common Stock	05/10/2007		S	10,000 D \$ 42	1,396	D	

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**

SEC 1474 (9-02)

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**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

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)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Phantom Stock	(1)					(1)	(1)	Common Stock	14,131.32
Stock Options	\$ 29.594	05/10/2007		M	6,079	03/08/2000	03/08/2009	Common Stock	6,079
Stock Options	\$ 25.5	05/10/2007		M	3,921	03/05/2001	03/05/2010	Common Stock	3,921

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
STAFFORD ROBERT G 1725 SHEPHERD ROAD CHATTANOOGA, TN 37421		X		

## Signatures

Robert Taylor, attorney in fact for Robert Stafford  
Date: 05/14/2007

Signature: \_\_\_\_\_ 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).

(1) Phantom stock is held in a SERP and is payable in cash following the reporting person's termination of employment from Astec.

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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