

CARGOULD FRANK D  
Form 4  
April 12, 2010

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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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 \*  
CARGOULD FRANK D

2. Issuer Name and Ticker or Trading Symbol

ASTEC INDUSTRIES INC [ASTE]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

President-Breaker Technology

(Last)      (First)      (Middle)  
  
1725 SHEPHERD RD  
  
(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
04/08/2010

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

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

CHATTANOOGA, TN 37421  
  
(City)      (State)      (Zip)

**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 <sup>(2)</sup>     |                                      |  |                                | (A) or (D)      V      Amount      (D)      Price                 | 2,500 <sup>(2)</sup>  | D  |                                   |

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

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SEC 1474 (9-02)

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

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| 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) | Amount or Number of Shares |                 |              |          |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|----------------------------|-----------------|--------------|----------|
|  |  |                                      |  | Code                           | V   | (A)  | (D)   | Date Exercisable           | Expiration Date | Title        |          |
| Phantom Stock                              | <u>(1)</u>   | 04/08/2010                           |  | A                              |   | 144.5064   |   | <u>(1)</u>                 | <u>(1)</u>      | Common Stock | 144.5064 |

## Reporting Owners

| Reporting Owner Name / Address                                | Relationships                          |
|---|--|
|   | Director   10% Owner   Officer   Other |
| CARGOULD FRANK D<br>1725 SHEPHERD RD<br>CHATTANOOGA, TN 37421 | President-Breaker Technology           |

## Signatures

Robert Taylor, attorney in fact for Frank Cargould 04/12/2010  
 \*\*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).
- Reported transaction represents the Company contribution to the reporting person's SERP account that was used to acquire Astec
- (1) stock. Phantom shares are held in a SERP and are payable in cash following the reporting person's termination of employment from Astec.
  - (2) Shares reported are Restricted Stock Units that convert into common stock on a one for one basis at a future date.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.