#### CARGOULD FRANK D

Form 4

January 18, 2012

## FORM 4

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

**OMB** Number:

3235-0287

0.5

Check this box if no longer

January 31, Expires: 2005

**OMB APPROVAL** 

subject to Section 16. Form 4 or

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

Estimated average burden hours per response...

Form 5 obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person \* 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading CARGOULD FRANK D Issuer Symbol ASTEC INDUSTRIES INC [ASTE] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X\_ Officer (give title Other (specify 1725 SHEPHERD RD 01/17/2012 below) below) President-Breaker Technology (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line)

CHATTANOOGA, TN 37421

Form filed by More than One Reporting Person

\_X\_ Form filed by One Reporting Person

D

(State)

(Zip)

1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Securities Form: Direct Indirect (Instr. 3) Code Disposed of (D) Beneficially (D) or Beneficial (Instr. 3, 4 and 5) Indirect (I) Ownership (Month/Day/Year) (Instr. 8) Owned Following (Instr. 4) (Instr. 4) Reported

(A) Transaction(s) or

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

(Instr. 3 and 4) Code V Amount (D) Price

Common Stock (2)

(City)

 $2,500^{(2)}$ 

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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. Transactic Code (Instr. 8)	5. Number of or 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	<u>(1)</u>	01/17/2012		A	141.5449		<u>(1)</u>	<u>(1)</u>	Common Stock	141.5449

## **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

CARGOULD FRANK D 1725 SHEPHERD RD CHATTANOOGA, TN 37421

President-Breaker Technology

### **Signatures**

Robert Taylor, attorney in fact for Frank Cargould

01/18/2012

\*\*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).
- (1) Reported transaction represents the Company contribution to the reporting person's SERP account that was used to acquire Astec 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.

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