

Koch Philipp P
Form 4
March 03, 2008

FORM 4

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

OMB APPROVAL

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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 *
Koch Philipp P

2. Issuer Name and Ticker or Trading Symbol
CF Industries Holdings, Inc. [CF]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

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

___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)
VP, Raw Materials Procurement

C/O CF INDUSTRIES HOLDINGS, INC., 4 PARKWAY NORTH, SUITE 400

02/29/2008

(Street)

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

DEERFIELD, IL 60015

(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)
				(A) or (D) Code V Amount (D) Price			
Common stock, par value \$0.01 per share	02/29/2008		M	6,600 A \$ 16	12,900	D	
Common stock, par value \$0.01 per share	02/29/2008		S	6,600 D \$ 126	6,300	D	
Common stock, par value \$0.01	02/29/2008		M	2,400 A \$ 14.83	8,700	D	

per share

Common
stock, par
value \$0.01
per share

02/29/2008

S 2,400 D \$ 126 6,300 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 required to respond unless the form displays a currently valid OMB control number.

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(9-02)

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 (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. Amount or Number of Shares
Employee Stock Option (right to buy)	\$ 16	02/29/2008		M	6,600	⁽¹⁾ 08/10/2015	Common stock, par value \$0.01 per share	6,600
Employee Stock Option (right to buy)	\$ 14.83	02/29/2008		M	2,400	⁽²⁾ 08/10/2016	Common stock, par value \$0.01 per share	2,400

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

Koch Philipp P
C/O CF INDUSTRIES HOLDINGS, INC.
4 PARKWAY NORTH, SUITE 400
DEERFIELD, IL 60015

VP, Raw
Materials
Procurement

Signatures

/s/ Douglas C. Barnard, by power of
attorney

03/03/2008

__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) The options vest in three equal installments on August 10, 2006, 2007, and 2008.

(2) The options vest in three equal installments on August 10, 2007, 2008, and 2009.

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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