CF Industries Holdings, Inc.

Form 4

August 14, 2013

FORM 4

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

Check this box

if no longer subject to Section 16. Form 4 or

Form 5 obligations

may continue. See Instruction 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(b).

1. Name and Address of Reporting Person * Wilson Stephen R

(First) (Middle)

C/O CF INDUSTRIES HOLDINGS. INC.. 4 PARKWAY NORTH.

SUITE 400

(City)

(Last)

(Street)

(State)

2. Issuer Name and Ticker or Trading

Symbol

CF Industries Holdings, Inc. [CF]

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

08/12/2013

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

5. Relationship of Reporting Person(s) to

(Check all applicable)

Chair of the Board, CEO & Pres

10% Owner Other (specify

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

Issuer

below)

_X__ Director

X_ Officer (give title

DEERFIELD, IL 60015

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3)

(Zip)

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

(A)

5. Amount of Securities Beneficially Owned Following Reported Transaction(s)

(Instr. 3 and 4)

Form: Direct (D) or Indirect (I) (Instr. 4)

6. Ownership 7. Nature of Indirect Beneficial Ownership (Instr. 4)

SEC 1474

(9-02)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

Common

stock, par value \$0.01

per share

08/12/2013

9.470 Α

Code V Amount

Α

or

(D)

\$0 144,427

Price

D

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

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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)	Derivative Expiration		Date Exercisable and piration Date conth/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	
Employee Stock Option (right to buy)	\$ 190.12	08/12/2013		A	49,970	<u>(1)</u>	08/12/2023	Common stock, par value \$0.01 per share	49,970	

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
Wilson Stephen R C/O CF INDUSTRIES HOLDINGS, INC. 4 PARKWAY NORTH, SUITE 400 DEERFIELD, IL 60015	X		Chair of the Board, CEO & Pres			

Signatures

/s/ Douglas C. Barnard, by power of attorney 08/14/2013

**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 12, 2014, 2015, and 2016.

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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