CF Industries Holdings, Inc.

Form 4

August 12, 2015

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Check this box if no longer

subject to Section 16. Form 4 or

Form 5 obligations

may continue. See Instruction

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 * Koch Philipp P

(Middle)

(Zip)

2. Issuer Name and Ticker or Trading Symbol

CF Industries Holdings, Inc. [CF]

(Month/Day/Year)

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

(Street)

(State)

(First)

SUITE 400

(City)

per share

(Last)

3. Date of Earliest Transaction

08/10/2015

4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

OMB APPROVAL

Estimated average

burden hours per

3235-0287

January 31,

2005

0.5

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Number:

Expires:

response...

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

Sr. VP, Manufacturing

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

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

DEERFIELD, IL 60015

						-	· •		•
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)	ransaction(A) or Disposed of (D) ode (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common			Code V	Amount	or	Price	Transaction(s) (Instr. 3 and 4)		
stock, par value \$0.01	08/10/2015		F	2,263	D	\$ 60.95	62,567 (1)	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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	onNumber	Expiration D	ate	Amount	t of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ing	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securitie	es	(Instr. 5)	Bene
	Derivative				Securities			(Instr. 3	and 4)		Own
	Security				Acquired						Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
								^	mount		
									mount		
						Date	Expiration Date	or Title Number of			
						Exercisable					
				C + V	(A) (D)						
				Code V	(A) (D)			S	hares		

Reporting Owners

Relationships Reporting Owner Name / Address

Officer 10% Owner Other Director

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

Sr. VP, Manufacturing

Signatures

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

08/12/2015

**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).
- On June 17, 2015, the common stock of CF Industries Holdings, Inc., split 5-for-1, resulting in the reporting person's ownership of 51,864 additional shares of common stock.

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.

Reporting Owners 2