WINDROW KIMBERLY G

Form 4

February 21, 2012

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB

OMB APPROVAL

Number:

3235-0287

Expires:

January 31, 2005

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if no longer subject to Section 16. Form 4 or Form 5

Check this box

SECURITIES

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).

(Last)

Security

(Instr. 3)

(Print or Type Responses)

1. Name and Address of Reporting Person * WINDROW KIMBERLY G

2. Issuer Name and Ticker or Trading

Symbol

WESCO INTERNATIONAL INC

[WCC]

(Month/Day/Year)

3. Date of Earliest Transaction

02/16/2012

5. Relationship of Reporting Person(s) to

(Check all applicable)

225 WEST STATION SQUARE

(First)

(Middle)

DRIVE, SUITE 700

below)

Vice President, Human Resources

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

Director

X_ Officer (give title

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

Issuer

PITTSBURGH, PA 15219

(State) (Zip) (City) 1. Title of 2. Transaction Date 2A. Deemed

3. 4. Securities (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Code Disposed of (D) (Month/Day/Year)

(Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned (I) Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (Instr. 4) (Instr. 4)

10% Owner Other (specify

Reported (A) Transaction(s) or (Instr. 3 and 4)

Code V Amount (D) Price

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)

1. Title of 3. Transaction Date 3A. Deemed 5. Number 6. Date Exercisable and Derivative (Month/Day/Year) Execution Date, if Transaction of Derivative Expiration Date Conversion

7. Title and Amount of **Underlying Securities**

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8	_	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		(Month/Day/	Year)	(Instr. 3 and	4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Appreciation Rights	\$ 64.33	02/16/2012		A		6,681		<u>(1)</u>	02/16/2022	Common Stock	6,681
Restricted Stock Units	(2)	02/16/2012		A		1,165		(3)	<u>(3)</u>	Common Stock	1,165

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

WINDROW KIMBERLY G 225 WEST STATION SQUARE DRIVE SUITE 700 PITTSBURGH, PA 15219

Vice President, Human Resources

Signatures

/s/ Samantha L. O'Donoghue, as Attorney-in-Fact

02/21/2012

**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) The Stock Appreciation Right becomes exercisabe in three (3) equal, annual installments beginning on the first anniversary of the date of grant.
- (2) Each Restricted Stock Unit represents a contigent right to receive one share of WESCO Common Stock.
- (3) The Restricted Stock Units vest in three years from the date of the grant.

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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