

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
or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person * Smith Rodney Arthur (Last) (First) (Middle)	2. Issuer Name and Ticker or Trading Symbol ANIXTER INTERNATIONAL INC [AXE]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> X Officer (give title below) <input type="checkbox"/> Other (specify below) VP - Human Resources
C/O ANIXTER INTERNATIONAL INC., 2301 PATRIOT BLVD. (Street)	3. Date of Earliest Transaction (MM/DD/YYYY) 1/6/2014	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> X Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
GLENVIEW, IL 60026 (City) (State) (Zip)	4. If Amendment, Date Original Filed (MM/DD/YYYY)	

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

1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)			
Common stock	1/6/2014		M		1060 (1)	A \$54.08	23410 (2)	D	
Common stock	1/6/2014		S		1060 (1)	D \$89.174 (3)	22350 (2)	D	

Table II - Derivative Securities Beneficially Owned (e.g. , puts, calls, warrants, options, convertible securities)

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Options to purchase common stock (4)	\$54.08	1/6/2014		M		1060		3/1/2010	3/1/2018	Common stock	1060	\$0.00	4259	D	

Explanation of Responses:

- (1) The shares covered by this Form 4 have been exercised and sold pursuant to a Rule 10b5-1(c) sales plan dated November 4, 2013.
- (2) Includes 11,051 common stock units.
- (3) This is the weighted average for sale prices ranging from \$88.61 to \$89.57. Upon the request of the SEC staff, the issuer or any security holder of the issuer, full information regarding the number of shares sold at each separate price will be provided.
- (4) These options were previously reported with a balance of 5,018 options at an exercise price of \$57.33. The exercise price and balance of options have been adjusted pursuant to anti-dilution provisions triggered by special cash dividend as of record date December 11, 2013.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Smith Rodney Arthur C/O ANIXTER INTERNATIONAL INC.				

2301 PATRIOT BLVD.
GLENVIEW, IL 60026

VP - Human Resources

Signatures

Michele Nelson, by power of attorney

1/8/2014

** Signature of Reporting Person

Date

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

* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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.