

FORM 4

[] Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

OMB APPROVAL
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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 * SHOEMAKER RODNEY A (Last) (First) (Middle) C/O ANIXTER INTERNATIONAL INC., 2301 PATRIOT BLVD. (Street) GLENVIEW, IL 60026 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol ANIXTER INTERNATIONAL INC [AXE] 3. Date of Earliest Transaction (MM/DD/YYYY) 3/6/2017 4. If Amendment, Date Original Filed (MM/DD/YYYY)	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) ____ Director _____ 10% Owner ☒ Officer (give title below) _____ Other (specify below) SVP-Treasurer 6. Individual or Joint/Group Filing (Check Applicable Line) ☒ Form filed by One Reporting Person ☐ Form filed by More than One Reporting Person
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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)	Price				
Common stock		3/6/2017		F		155	(1)	D	\$81.075	20259	(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				

Explanation of Responses:

- (1) Number of shares being withheld by issuer for tax liabilities triggered when previously granted restricted stock units converted to shares of common stock.
- (2) Includes 6,437 common stock units.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
SHOEMAKER RODNEY A C/O ANIXTER INTERNATIONAL INC. 2301 PATRIOT BLVD. GLENVIEW, IL 60026			SVP-Treasurer	

Signatures

Michele Nelson, by power of attorney

3/8/2017

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.