

FORM 3

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

OMB APPROVAL
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INITIAL STATEMENT OF 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 * Mocciaro Ilaria (Last) (First) (Middle) 2301 PATRIOT BLVD. (Street) GLENVIEW, IL 60026 (City) (State) (Zip)	2. Date of Event Requiring Statement (MM/DD/YYYY) 11/28/2016	3. Issuer Name and Ticker or Trading Symbol ANIXTER INTERNATIONAL INC [AXE]
4. Relationship of Reporting Person(s) to Issuer (Check all applicable) ____ Director ____ 10% Owner ____ <input checked="" type="checkbox"/> Officer (give title below) ____ Other (specify below) SVP-Controller, CAO /		
5. If Amendment, Date Original Filed (MM/DD/YYYY)		6. Individual or Joint/Group Filing (Check Applicable Line) ____ <input checked="" type="checkbox"/> Form filed by One Reporting Person ____ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Table II - Derivative Securities Beneficially Owned (e.g. , puts, calls, warrants, options, convertible securities)

1. Title of Derivate Security (Instr. 4)	2. Date Exercisable and Expiration Date (MM/DD/YYYY)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			

Explanation of Responses:

No securities are beneficially owned.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Mocciaro Ilaria 2301 PATRIOT BLVD. GLENVIEW, IL 60026			SVP-Controller, CAO	

Signatures

Michele Nelson, by power of attorney

12/5/2016

**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 5(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.

LIMITED POWER OF ATTORNEY

TO SIGN FORMS 3, 4, 5, 144, FORM ID AND UPDATING OF EDGAR ACCESS CODES

The undersigned director/officer of Anixter International Inc. ("Issuer") hereby authorizes Bob Eck, Ted Dosch, Justin Choi, Charles Kim, Michele Nelson or any employee of the Issuer designated by any of them who is responsible for assisting insiders with compliance with the Federal securities laws, to sign on behalf of the undersigned any Forms 3, 4, 5, 144, Form ID and for updating and maintaining EDGAR Access Codes, that are required to be filed from time to time with the Securities and Exchange Commission or the New York Stock Exchange. Such forms shall be completed from the information furnished by me to the Issuer and the information in the Issuer's records.

This authority shall remain in effect until either I am no longer obligated to report transactions pursuant to Section 16(a) of the Securities Exchange Act of 1934 or the authority has been revoked in writing by me.

Dated this 2nd day of December, 2016

Signed: /s/ Ilaria Mocciaro
Printed Name: Ilaria Mocciaro

State of Illinois

County of Cook

This instrument was acknowledged before me on December 2, 2016 by Ilaria Mocciaro.

/s/ Deborah A. Youtsey
Notary Public