

# 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

|   |  |  |
|---|--|--|
| <b>1. Name and Address of Reporting Person *</b><br><br><b>Dosch Ted A</b><br><br>(Last) (First) (Middle)<br><br><b>ANIXTER INTERNATIONAL INC., 2301 PATRIOT BLVD.</b><br><br>(Street)<br><br><b>GLENVIEW, IL 60026</b><br><br>(City) (State) (Zip) | <b>2. Issuer Name and Ticker or Trading Symbol</b><br><br><b>ANIXTER INTERNATIONAL INC [ AXE ]</b> | <b>5. Relationship of Reporting Person(s) to Issuer</b><br>(Check all applicable)<br><br><input type="checkbox"/> Director <input type="checkbox"/> 10% Owner<br><input checked="" type="checkbox"/> <b>X</b> Officer (give title below) <input type="checkbox"/> Other (specify below)<br><b>Executive VP-Finance &amp; CFO</b> |
| <b>3. Date of Earliest Transaction (MM/DD/YYYY)</b><br><br><p align="center"><b>3/1/2018</b></p>  |  | <b>6. Individual or Joint/Group Filing (Check Applicable Line)</b><br><br><input type="checkbox"/> Form filed by One Reporting Person<br><input type="checkbox"/> Form filed by More than One Reporting Person   |

**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                    | 3/1/2018       |                                   | F                         |   | 6230  | (1)        | D     | \$75.38   | 75303  | (2)   | D |
| Common stock units              | 3/1/2018       |                                   | A                         |   | 3132  | (3)        | A     | \$0.00  | 78435  | (4)   | D |
| Common stock units              | 3/1/2018       |                                   | A                         |   | 11629   | (5)        | A     | \$0.00  | 90064  | (6)   | 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 |  |  |  |  |

**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 43,162 common stock units.
- (3) These common stock units have met performance criteria, and will vest and convert to common stock on a 1-for-1 basis on March 1, 2019.
- (4) Includes 46,294 common stock units.
- (5) Stock units convert to common stock on a 1-for-1 basis on the date they vest. Units vest in thirds beginning on the second anniversary of the grant date.
- (6) Includes 57,923 common stock units.

**Reporting Owners**

| Reporting Owner Name / Address  | Relationships |           |                                       |       |
|---|---------------|-----------|---------------------------------------|-------|
|   | Director      | 10% Owner | Officer                               | Other |
| <b>Dosch Ted A<br/>ANIXTER INTERNATIONAL INC.<br/>2301 PATRIOT BLVD.<br/>GLENVIEW, IL 60026</b> |               |           | <b>Executive VP-Finance &amp; CFO</b> |       |

**Signatures**

**Michele Nelson, by power of attorney**

**3/2/2018**

\*\* 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.

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