

Oulman Roxanne
 Form 3
 June 17, 2011

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,
 Section 17(a) of the Public Utility Holding Company Act of 1935 or Section
 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

| | | | | |
|---|---------|--------------------------------------|---|--|
| 1. Name and Address of Reporting Person * | | 2. Date of Event Requiring Statement | 3. Issuer Name and Ticker or Trading Symbol | |
| Â Oulman Roxanne | | (Month/Day/Year) | THORATEC CORP [THOR] | |
| (Last) | (First) | (Middle) | 4. Relationship of Reporting Person(s) to Issuer | 5. If Amendment, Date Original Filed(Month/Day/Year) |
| 6035 STONERIDGE DRIVE | | | (Check all applicable) | |
| (Street) | | | <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other (give title below) (specify below) VP of Finance, Interim CFO | |
| PLEASANTON,Â CAÂ 94588 | | | 6. Individual or Joint/Group Filing(Check Applicable Line) | |
| (City) | (State) | (Zip) | <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> 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) |
|---------------------------------|---|--|---|
| Common Stock | 24,292 ⁽¹⁾ | D | Â |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

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.

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

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | 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 | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|---|--|--|---|
| | Date Exercisable Expiration Date | Title Amount or Number of | | | |

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| | | | | Shares | | (I) (Instr. 5) | |
|--|------------|------------|--------------|-----------------------|----------|-------------------|---|
| Non-Qualified Stock Options (right to buy) | 02/13/2011 | 02/13/2017 | Common Stock | 2,400 ⁽²⁾ | \$ 17.91 | D | Â |
| Non-Qualified Stock Options (right to buy) | 02/27/2011 | 02/27/2018 | Common Stock | 1,350 ⁽³⁾ | \$ 14.97 | D | Â |
| Non-Qualified Stock Options (right to buy) | 02/25/2011 | 02/25/2019 | Common Stock | 3,068 ⁽⁴⁾ | \$ 23.93 | D | Â |
| Non-Qualified Stock Options (right to buy) | 03/03/2011 | 03/03/2020 | Common Stock | 8,036 ⁽⁵⁾ | \$ 29.81 | D | Â |
| Non-Qualified Stock Options (right to buy) | 03/01/2012 | 03/01/2021 | Common Stock | 18,000 ⁽⁶⁾ | \$ 27.3 | D | Â |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|------------------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Oulman Roxanne 6035 STONERIDGE DRIVE PLEASANTON, CA 94588 | Â | Â | Â VP of Finance, Interim CFO | Â |

Signatures

/s/Roxanne Oulman 06/16/2011

**Signature of Reporting Person Date

Explanation of Responses:

- * 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).
- (1) Includes 1,625 unvested Restricted Stock Awards and 20,313 Restricted Stock Units. The Restricted Stock Awards and Restricted Stock Units vest in four equal annual installments commencing one year after the grant date.
- (2) Represents 2,400 exercisable Non-Qualified Stock Options.
- (3) Represents 675 exercisable Non-Qualified Stock Options and 675 Non-Qualified Stock Options scheduled to vest on Feb. 27, 2012.
- (4) Includes 1,023 exercisable Non-Qualified Stock Options. The remaining 2,045 Non-Qualified Stock Options are scheduled to vest as follows: 1,023 on Feb. 25, 2012 and 1,022 on Feb. 25, 2013.
- (5) Includes 2,009 exercisable Non-Qualified Stock Options. The remaining 6,027 Non-Qualified Stock Options are scheduled to vest as follows: 2,009 shares on each of March 3, 2012, March 3, 2013 and March 3, 2014.
- (6) Represents 18,000 Non-Qualified Stock Options scheduled to vest as follows: 4,500 shares on each of March 1, 2012, March 1, 2013, March 1, 2014 and March 1, 2015.

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.