1. Name and Address of Reporting Person
Mackenzie Jeffrey Eric
(Last) (First) (Middle)
5956 W. LAS POSITAS BLVD.

2. Issuer Name and Ticker or Trading Symbol
SIMPSON MANUFACTURING CO INC /CA/ [ SSD ]

3. Date of Earliest Transaction (Month/Day/Year)
02/04/2017

4. If Amendment, Date of Original Filed (Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer
(X) Director
Officer (give title below)
Vice President

6. Individual or Joint/Group Filing (Check Applicable Line)
(X) Form filed by One Reporting Person

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

<table>
<thead>
<tr>
<th>1. Title of Security (Instr. 3)</th>
<th>2. Transaction Date (Month/Day/Year)</th>
<th>3. Transaction Code (Instr. 8)</th>
<th>4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)</th>
<th>5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)</th>
<th>6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>7. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock (RSUs awarded February 4, 2017)</td>
<td>02/04/2017</td>
<td>A</td>
<td>967</td>
<td>A</td>
<td>$43.42</td>
<td>967</td>
</tr>
<tr>
<td>Common Stock (PRSUs awarded February 4, 2017)</td>
<td>02/04/2017</td>
<td>A</td>
<td>2,578</td>
<td>A</td>
<td>$43.42</td>
<td>2,578</td>
</tr>
<tr>
<td>Common Stock (RSUs awarded February 1, 2016)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>998</td>
</tr>
<tr>
<td>Common Stock (PRSUs awarded February 1, 2016)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1,894</td>
</tr>
<tr>
<td>Common Stock (RSUs awarded February 2, 2015)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1,090</td>
</tr>
<tr>
<td>Common Stock (RSUs awarded February 3, 2014)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>969</td>
</tr>
<tr>
<td>Common Stock (RSUs awarded February 6, 2013)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3,625</td>
</tr>
<tr>
<td>Common Stock</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4</td>
</tr>
</tbody>
</table>

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)
<table>
<thead>
<tr>
<th>Code</th>
<th>V</th>
<th>(A)</th>
<th>(D)</th>
<th>Date Exercisable</th>
<th>Expiration Date</th>
<th>Title</th>
<th>Amount or Number of Shares</th>
</tr>
</thead>
</table>

Explanation of Responses:

1. Amount includes 967 shares of restricted stock units (RSUs) awarded on February 4, 2017. RSUs vest one fourth on February 15, 2017, February 15, 2018, February 15, 2019, and February 15, 2020. The 967 shares are net of the number of shares expected to be withheld to cover the estimated income taxes due on vesting.

2. Amount includes 2,578 shares of restricted stock units (RSUs) awarded on February 4, 2017. RSUs vest fully on February 15, 2020, subject to the Company's performance on revenue growth (50%) and return on invested capital (50%) versus the Company's peer group median. The 2,578 shares assume that the number of shares that vest are based on targeted performance and are net of the number of shares expected to be withheld to cover the estimated income taxes due on vesting.

3. Amount includes 998 shares of restricted stock units (RSUs) awarded on February 1, 2016. RSUs vest one fourth on each of the award date and the first, second and third anniversaries of the award date. The 998 shares are net of the number of shares expected to be withheld to cover the estimated income taxes due on vesting.

4. Amount includes 1,894 shares of restricted stock units (RSUs) awarded on February 1, 2016. RSUs vest fully on the third anniversary of the award date subject to the Company's relative performance versus the S&P Smallcap 600 Index. The 1,894 shares assume that the maximum number of shares will vest, based on performance at the highest level, and are net of the number of shares expected to be withheld to cover the estimated income taxes due on vesting.

5. Amount includes 1,090 shares of restricted stock units (RSUs) awarded on February 2, 2015. RSUs vest one fourth on each of the award date and the first, second and third anniversaries of the award date. The 1,090 shares are net of the number of shares expected to be withheld to cover the estimated income taxes due on vesting.

6. Amount includes 969 shares of restricted stock units (RSUs) awarded on February 3, 2014. RSUs vest one fourth on each of the award date and the first, second and third anniversaries of the award date. The 969 shares are net of the number of shares expected to be withheld to cover the estimated income taxes due on vesting.

7. Amount includes 3,625 shares of restricted stock units (RSUs) awarded on February 6, 2013. RSUs vest one fourth on each of the award date and the first, second and third anniversaries of the award date. The 3,625 shares are net of the number of shares expected to be withheld to cover the estimated income taxes due on vesting.

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).

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 Number.