1. **Name and Address of Reporting Person**
Sunny H. Leung
5956 W. Las Positas Blvd.

2. **Date of Event Requiring Statement**
12/29/2015

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

4. **Relationship of Reporting Person(s) to Issuer**
- Director
- Officer
- 10% Owner
- Other (specify below)
- Vice President

5. **If Amendment, Date of Original Filed**

6. **Individual or Joint/Group Filing**
- Form filed by One Reporting Person
- Form filed by More than One Reporting Person

### Table I - Non-Derivative Securities Beneficially Owned

<table>
<thead>
<tr>
<th>1. Title of Security (Instr. 4)</th>
<th>2. Amount of Securities Beneficially Owned (Instr. 4)</th>
<th>3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)</th>
<th>4. Nature of Indirect Beneficial Ownership (Instr. 5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock (RSUs awarded February 2, 2015)</td>
<td>967 (1)</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>Common Stock (RSUs awarded February 3, 2014)</td>
<td>1,931 (2)</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>Common Stock (RSUs awarded February 6, 2013)</td>
<td>1,447 (3)</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>Common Stock</td>
<td>484</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>Common Stock</td>
<td>857 (4)</td>
<td>I</td>
<td>By Trust</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>1. Title of Derivative Security (Instr. 4)</th>
<th>2. Date Exercisable and Expiration Date (Month/Day/Year)</th>
<th>3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)</th>
<th>4. Conversion or Exercise Price of Derivative Security</th>
<th>5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)</th>
<th>6. Nature of Indirect Beneficial Ownership (Instr. 5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Options on Common Stock</td>
<td>02/03/2012 02/03/2018</td>
<td>Common Stock 11,000 29.66 D</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Explanation of Responses:**
1. Amount includes 967 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 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 1,931 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 1,931 shares are net of the number of shares expected to be withheld to cover the estimated income taxes due on vesting.

3. Amount includes 1,447 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 1,447 shares are net of the number of shares expected to be withheld to cover the estimated income taxes due on vesting.

4. The shares are owned by the Simpson Manuafacturing Co., Inc. 401(K) Profit Sharing Plan (the "Plan") of which the reporting person is a participant. The Plan qualifies under sections 401(a)(26) and 410 of the Internal Revenue Code.

/s/SUNNY H. LEUNG 01/13/2016
** 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).
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.