SkillsUSA California
Welding SMAW - CA
2019 Regional Contest

Each region is to have all students perform the same requirements in the contest as agreed to by the Region Coordinators.

**Mandatory Project**
See attached blueprint

**Material and Equipment Provided by Each Contestant:**
- All PPEs required by OSHA
- Welding Helmet
- Chipping Hammer
- Wire Brush
- Pliers
- Soapstone/Marker
- Measuring Device

**Material and Equipment Provided by SkillsUSA Regions:**
- SMAW Machines
- Consumables – As needed by contestants
- Materials – See attached blueprint

**Notes:**
Each station will require the student to read instructions and to wear proper safety equipment provided by the student.
Official dress for this contest will be light blue work shirt and navy pants or khaki shirt and pants, black or brown leather work shoes, and safety glasses with side shields or goggles. (Prescription glasses can be used only if they are equipped with side shields. If not, they must be covered with goggles.)
CONTESTANT COUPON

CONTESTANT ID: ________

MATERIALS

<table>
<thead>
<tr>
<th>NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>3/8&quot; X 2&quot; X 6&quot;</td>
</tr>
<tr>
<td>2</td>
<td>3/8&quot; X 3&quot; X 6&quot;</td>
</tr>
<tr>
<td>1</td>
<td>1/4&quot; 3&quot; ANGLE</td>
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PROCEDURE:

<table>
<thead>
<tr>
<th>WELD</th>
<th>POSITION</th>
<th>ELECTRODE</th>
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<tbody>
<tr>
<td>1</td>
<td>4F. OVERHEAD</td>
<td>E6010</td>
</tr>
<tr>
<td>2</td>
<td>2F. HORIZONTAL</td>
<td>E7024</td>
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<tr>
<td>3</td>
<td>4F. VERTICAL UP</td>
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<td>4</td>
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<td>E7018</td>
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<td>5</td>
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<tr>
<td>6</td>
<td>2F. HORIZONTAL</td>
<td>E7018</td>
</tr>
</tbody>
</table>

NOTE: ALL WELDS SINGLE PASS

EXCEPTION: WELD 3 MAY BE SINGLE ROOT W/SINGLE COVER, OR SINGLE ROOT W/TWO COVERS.

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