Architectural and Ornamental Contest

Purpose
To evaluate each contestant’s ability to assemble a window unit according to the specifications presented in these guidelines.

Eligibility
The apprentice competing at the District Council level must be an apprentice during the year he or she is competing to go onto the International Competition. The apprentice may come from any year apprenticeship. He or she may only compete at the International level once.

Clothing Requirement
Contestants must wear long pants, shirt with sleeves, work boots (no tennis shoes), hard hat and work gloves when handling glass.

Equipment and Materials
The following equipment will be provided by the contest committee:
- Three (3) window units so that three (3) contestants can perform the assembly process at the same time
- Assembly drawings (included in these guidelines and on the contest CD-ROM)
- Screw gun and tools required to assemble the window units
- Safety glasses with side shields (optional, per Steering Committee)
- Hard hats
- Work gloves (optional, per Steering Committee)
- Glass Cups

The contestant may provide the following:
- Safety glasses with side shields
- Hard hat
- Work gloves

Preparation by the Judges: All parts shall be labeled as on the tag drawings.

Contest Guidelines

These guidelines will be followed during this contest:

1. Contestants will be randomly selected to determine the order in which they will demonstrate their ability to assemble the window unit.
2. Contestants must wear their hard hat at all times when assembling the window unit.
3. Each contestant will be required to assemble the unit in 15 minutes or less.
4. The contestant will assemble one window unit with the aid of drawings, screw gun and necessary hand tools. This also includes complete glazing using the glass cups.

5. The window unit will be assembled on a tabletop and will be approximately 2' x 2'.

6. The window unit will be completely disassembled before the contestant begins the contest.

7. The drawings will be available to the contestant during the entire contest. The unit must be assembled correctly per drawing. Including end dams, weep sponges, weep hole location, setting block location, fastener and vinyl location.

8. Glazing will be put in temporarily without final trim. Final trim (Face covers) will not be installed but placed in their proper location and orientation. No caulking of the unit will take place due to time constraints.

9. The contestant must demonstrate correct safety practices at all times. The contest judges may stop a competitor at any time if they deem the contestant’s manner to be hazardous to either themselves or others. Such stoppage will disqualify the contestant from that section of the contest. If the contestant is warned a second time, he or she will be disqualified as a contest participant.

10. While the contest is in progress, there shall be no communication between the contestants or between the contestants and anyone else except as directed by a judge or contest official.

**Contest Scorecard**

This contest will be scored as follows:

1. The Architectural and Ornamental contest is worth ten (10) points and must be completed in 15 minutes.

2. Contestants will earn points for assembling the window unit as follows:

   - Proper use of tools: (screw gun, tip changes, glass cups) 2 points
   - Proper assembly of window frame: 2 points
     (Jambs, header and sill in proper orientation and end dams installed properly)
   - Proper installation of glazing gaskets, setting blocks and baffles: 2 points
   - Proper installation and orientation of glass: 2 points
   - Proper installation and orientation of pressure bars, weep sponges and trim covers: 2 points
3. Contest judges should use the scoring sheet on a following page to record each contestant’s time and then determine the points earned by each contestant.

4. These results will be submitted to the contest officials responsible for compiling the overall competition results.

Notes to Judges:

1. Contestant must know how to change tips and use the glass cup.
2. Frame parts and end dams should be in proper location.
3. Fasteners shall be presorted and installed in the proper position
4. Glazing gaskets should be checked for proper orientation and setting blocks should be centered on weep holes.
5. Glass should be tight to setting blocks and centered in the opening.
6. Watch for proper location of weep holes
7. No partial points are permitted (to receive credit for proper use of tools all work must be completed)
Architectural and Ornamental Contest Scoring Sheet

Contest Location: ___________________________ Date: ___________________

Judges: __________________________________________

<table>
<thead>
<tr>
<th>Contestant #</th>
<th>Time</th>
<th>#1 2 points or 0</th>
<th>#2 2 points or 0</th>
<th>#3 2 points or 0</th>
<th>#4 2 points or 0</th>
<th>#5 2 points or 0</th>
<th>Total Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joe Magee</td>
<td>14:59</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>0</td>
<td>2</td>
<td>8</td>
</tr>
</tbody>
</table>
V-1: VERTICAL MULLION
PP-1: VERTICAL PRESSURE PLATE
FC-1: VERTICAL FACE COVER

H-1: HORIZ MULLION
PP-2: HORIZ PRESSURE PLATE
FC-2: HORIZ FACE COVER
FILLER-1: FLAT FILLER PLATE

S-1: SILL MULLION
PP-3: SILL PRESSURE PLATE
FC-2: HORIZ FACE COVER
FILLER-1: FLAT FILLER PLATE