SSPC Spray Applicator Hands On Field/Shop Evaluation Checklist

Painter’s Name _______________________________________________________
SS or Employee Id no.__________________________________________________

This form is to be filled out by the training supervisor. Note that the form has been designed to accommodate training on a plural component pump system. Please adopt form for training and qualification on non plural component airless spray or conventional spray equipment.

**Equipment Operation** -Part A- Identification of Key Components

<table>
<thead>
<tr>
<th>Point Range: 0 – 1 – 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 = no idea</td>
</tr>
<tr>
<td>1 = has some idea but not enough to be competent</td>
</tr>
<tr>
<td>2 = has acceptable skill level</td>
</tr>
</tbody>
</table>

1. Identify Power Source Points: ________________

2. Identify Manufacturer and Model of Spray Unit Points: ________________

3. Identify Spray Unit Size and Maximum P.S.I Points: ________________

4. Identify Type and size of Material Supply Pumps (Parts A & B)
   - Type Points: ________________
   - Size Points: ________________

5. Identify Type of Material Component Heating Units if applicable
   - Drum Points: ________________
   - In-Line Points: ________________

6. Identify Type Proportioning Pumps if applicable
   - Fixed Points: ________________
   - Variable Points: ________________

7. Identify Material or Fluid Pressure Gauges operational Points: ________________

8. Identify Material filter locations and size
   - Location Points: ________________
   - Size Points: ________________

9. Identify Size and Condition of Hoses for Unmixed Material*
   - Size Points: ________________
   - Condition Points: ________________
10. Identify Size and Condition of Hoses for Mixed Material*
   
   Size  **Points:** ______________
   
   Condition  **Points:** ______________

   *Verify that the condition of the hoses are in good working condition, clean, free of contaminants, and appropriate size for the material being pumped and the pressure being used to spray the coating.

11. Mix Manifold checked and operational if applicable? **Points:** ______________

12. Solvent Purge/Flush Pump operational if applicable? **Points:** ______________

---

**Operator** - Part B – Hands-On Operational Skills/Knowledge

<table>
<thead>
<tr>
<th>Point Range: 0 – 1 – 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 = no idea</td>
</tr>
<tr>
<td>1 = has some idea but not enough to be competent</td>
</tr>
<tr>
<td>2 = has acceptable skill level</td>
</tr>
</tbody>
</table>

The painter will perform/show the evaluator (using the equipment present) how they will perform the following tasks:

**Note to Instructor:** Candidates must have required PPE and must check hoses and fittings to ensure proper operating conditions.

1. Check to see that lines are properly connected and pump is ready for operation **Points:** ______

2. Start and stop unit **Points:** __________

3. Check material supply containers or reservoirs **Points:** __________

4. Check and/or adjust material operating temperatures if applicable **Points:** __________

5. Check or adjust proportioning pump mix ratio if applicable **Points:** __________

6. Prime system **Points:** __________

7. Check and adjust pump pressure **Points:** __________

8. Check mixing ratio of mixed material **Points:** __________

9. Depressurize system and solvent flush paint line(s) **Points:** __________
Sprayer - Part C – Spray Painter Qualification

Point Range: 0 – 1 – 2
0 = no idea
1 = has some idea but not enough to be competent
2 = has acceptable skill level

The candidate will perform/show the evaluator (using the equipment present) how they will perform the following tasks:

1. Can the Spray Painter demonstrate the use of the spray gun trigger lock? Points:________

2. Can the Spray Painter identify spray tip size? Points:________

3. Can the Spray Painter identify if spray tip is worn or not worn? Points:________

4. Does the Spray Painter exhibit proper spray technique by maintaining consistent distance from the surface? Points:________

5. Does the Spray Painter exhibit proper spray technique by avoiding arcing with good wrist control; providing 50% overlap; using proper triggering; maintaining uniform and consistent coverage? Points:________

6. Can the Spray Painter show the evaluator that they can apply the proper mil thickness on ASTM D 4228 or a SSPC approved equivalent test panel according to the manufacturer’s recommendations. Points:________

7. Can spray painter properly identify symptoms of inadequate spray pressure and describe remedies to correct? Points:________

SIGNATURE OF EVALUATOR(S)
___________________________________
___________________________________

DATE & LOCATION OF EVALUATION
___________________________________