

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

Point Range: 0 – 1 – 2

0 = no idea

1 = has some idea but not enough to be competent

2 = has acceptable skill level

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

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

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
