

SPFA PCP Master Installer Field Exam

Insulation

Candidates Name: _____

Company Name: _____

Address : _____

SPFA Evaluator Name: _____

Type of Evaluation: Closed Cell Installer _____ Open Cell Installer _____ Both Open and Closed Cell Installer _____

Date: _____ Time Started: _____ Time Finished: _____

Please answer yes (Y) No (N) or not applicable (N/A) to the following questions during the field examination:

1. Documentation (15%)

Scope : Candidates ability to respect personal health and safety guidelines.

| | Type | Yes | No | N/A |
|---|------|-----|----|-----|
| 1 Did candidate identify and locate safety checklist for project? | Both | | | |
| 2 Did candidate know where the MSDS sheets are located and explain what type of information is in each section? | Both | | | |
| 3 Did the candidate show the filter change out schedule/log? | Both | | | |
| 4 Did the candidate show where emergency numbers are posted? | Both | | | |
| 5 Did the candidate show the temperature range that is recommended for the product? | CC | | | |
| Did the candidate show the temperature range that is recommended for the product? | OC | | | |
| 6 Did the candidate demonstrate a tool box talk/safety briefing? | Both | | | |

2. Pre-Application (15% weighting)

Scope: Candidate's ability to verify substrate conditions are acceptable and safety procedures and equipment are being utilized.

| | | | | |
|---|------|--|--|--|
| 1 Did the candidate show where safety and warning signs are located at the jobsite? | Both | | | |
| 2 Did the candidate demonstrate the proper setup of ventilation of the spray area? | Both | | | |
| 3 Did the candidate show locations of fire extinguishers, confirm inspection date is current, correct type and qty? | Both | | | |
| 4 Did the candidate show the location of power sources and equipment ? | Both | | | |
| 5 Did the candidate show the location of all heat producing devices ? | Both | | | |
| 6 Did the candidate show the location of ventilation systems ? | Both | | | |
| 7 Did the candidate demonstrate the proper lockout and tag out procedure ? | Both | | | |
| 8 Did the candidate demonstrate how to properly set up both an extension and a step ladder? | Both | | | |
| 9 Did the candidate show areas on the project where fall protection will be required and demonstrate how to check each for safe setup and use? | Both | | | |
| 10 Did the candidate demonstrate that the substrate is properly prepared and is clean, dry and free of dust, loose scale or rust, oil or ice (indicate new or retrofit, and if wood, metal, concrete or masonry)? | Both | | | |
| 11 Did the candidate demonstrate proper masking procedures? | Both | | | |

3. Equipment/Rig (25% weighting)

Scope: Candidates ability to properly start-up, adjust, troubleshoot and service equipment in accordance with mfg. req.

| | | | | |
|---|------|--|--|--|
| 1 Did the candidate show the HMIS label on the container for the foam that will be used and explain what the instructions mean? | CC | | | |
| Did the candidate show the HMIS label on the container for the foam that will be used and explain what the instructions mean? | OC | | | |
| 2 Did the candidate show the lot number and/or expiration dates ? | CC | | | |
| Did the candidate show the lot number and/or expiration dates ? | OC | | | |
| 3 Did the candidate demonstrate how to rebuild the plural component spray gun? | Both | | | |
| 4 Did the candidate demonstrate how to check equipment and tools for operation or damage to verify that they are safe for use? | Both | | | |
| 5 Did the candidate demonstrate how to mix Open Cell B-Side material in the drum? | OC | | | |
| 6 Did the candidate demonstrate proper equipment start up procedures for the generator, compressor, air dryer, transfer pumps, proportioner, hoses and gun? | Both | | | |
| 7 Did the candidate demonstrate procedures for adjusting heat and pressure on the spray machine? | Both | | | |
| 8 Did the candidate explain to examiner the procedure to ensure a continuous supply of material to the machine, and point out the techniques used? | Both | | | |
| 9 Did the candidate show how to troubleshoot a pressure imbalance on the spray machine? | Both | | | |
| 10 Did the candidate show how to use equipment error codes to troubleshoot problems on the machine? | Both | | | |

4. Application (40% weighting)

| | | Type | Yes | No | N/A |
|---|---|------|-----|----|-----|
| Scope : Candidate's ability to demonstrate the proper PPE for spraying SPF, ability to spray specified thickness, and proper pattern/distance/mix. | | | | | |
| 1 | Did the candidate demonstrate how to check the substrate temperature and record that information on the daily job log? | Both | | | |
| 2 | Did the candidate demonstrate how to check the moisture level on/in the substrate? | Both | | | |
| 3 | Did the candidate demonstrate the proper Respiratory PPE ? | Both | | | |
| 4 | Did the candidate demonstrate the proper eye PPE ? | Both | | | |
| 5 | Did the candidate demonstrate the location of the eye wash? | Both | | | |
| 6 | Did the candidate demonstrate the proper hand PPE ? | Both | | | |
| 7 | Did the candidate demonstrate the proper protective clothing PPE ? | Both | | | |
| 8 | Did the candidate demonstrate the proper footwear PPE ? | Both | | | |
| 9 | Did the candidate demonstrate proper use and set up of fresh air system? | Both | | | |
| 10 | Did the candidate demonstrate how to spray a test pattern and describe how the test is used to verify proper mix and pattern? | CC | | | |
| | Did the candidate demonstrate how to spray a test pattern and describe how the test is used to verify proper mix and pattern? | OC | | | |
| 11 | Did the candidate demonstrate spraying with the gun at the proper distance from substrate? | CC | | | |
| | Did the candidate demonstrate spraying with the gun at the proper distance from substrate? | OC | | | |
| 12 | Did the candidate demonstrate the ability to spray without having gaps or voids in the foam. Demonstrate how to check for gaps or voids? | CC | | | |
| | Did the candidate demonstrate the ability to spray without having gaps or voids in the foam. Demonstrate how to check for gaps or voids? | OC | | | |
| 13 | Did the candidate demonstrate ability to spray an average 1" thickness . Plus/minus 1/4" tolerance? | CC | | | |
| 14 | Did the candidate demonstrate ability to spray an average of 3" thickness . Plus/minus 1/4"tolerance ? | CC | | | |
| 15 | Did the candidate demonstrate smoothness and uniform finish ? | CC | | | |
| 16 | Did the candidate demonstrate ability to spray an average 3 1/2" thickness . Plus/minus 3/4"? | OC | | | |
| 17 | Did the candidate demonstrate ability to spray an average 7 1/2" thickness . Plus/minus 1 1/2"? | OC | | | |
| 18 | Did the candidate demonstrate how to use a probe to check depth and measure surface uniformity, and explain how to seal the resulting hole? | Both | | | |
| 19 | Did the candidate demonstrate the ability to spray a pass no more than 1 1/2" or less than 1/2" in thickness? | CC | | | |
| 20 | Did the candidate demonstrate how to verify adhesion at stud/wall junctures to ensure adhesion? | Both | | | |
| 21 | Did the candidate demonstrate how to verify density ? | CC | | | |
| 22 | Did the candidate demonstrate how to verify density ? | OC | | | |

5. Post Application (5% weighting)

Scope: Candidate's ability to properly shutdown equipment and jobsite.

| | | | | | |
|----|--|------|--|--|--|
| 1 | Did the candidate demonstrate how to wear proper PPE for trimming? | | | | |
| 2 | Did the candidate demonstrate how to trim back closed cell foam that has been sprayed beyond the stud profile? | CC | | | |
| 3 | Did the candidate demonstrate how to trim back open cell foam that has been sprayed beyond the stud profile? | OC | | | |
| 4 | Did the candidate demonstrate proper procedure for end of day shut down, and end of job shut down ? | Both | | | |
| 5 | Did the candidate demonstrate proper procedure for shut down to park the equipment ? | Both | | | |
| 6 | Did the candidate demonstrate proper procedure for shut down of the heaters A-B and hose? | Both | | | |
| 7 | Did the candidate demonstrate proper procedure for shut down of the air compressor ? | Both | | | |
| 8 | Did the candidate demonstrate proper procedure for shut down of the main power ? | Both | | | |
| 9 | Did the candidate demonstrate where the insulation certificate will be placed at job end and how that information is communicated to the property owner? | Both | | | |
| 10 | Is the candidate aware of his/her deficiencies ? | Both | | | |
| 11 | Does the candidate have a plan of action to correct his/her Deficiencies ? | Both | | | |

COMMENTS:

I, _____ confirm that I have conducted the field examination as per the Field Examination Process developed by the SPFA PCP (as updated from time to time) and do not have conflict of interest with the candidate or have not provided private or individual training within the last 24 months.

SPFA PCP Field Examiner signature: _____ Date: _____

Please forward this form to : SPFA PCP 1030 15th Street, NW, Suite 460, Washington, DC 20006 FAX: 866-242-5000