



SPFA ROOFING MASTER INSTALLER FIELD EXAM

Date:
Candidate Name:
Company Name:
Address:
Email to send results:
Orientation Completed By:
Please answer: Yes (Y) or No (N) to the following questions during the field exam.

1. Documentation and PPE (15% weighting)

Scope: Demonstration of personal protection equipment (PPE), documentation and their role in personal health and safety.

Did the candidate do the following:		Yes	No
1	Show a project safety checklist for a project?		
2	Show a pre-construction meeting form that has been filled out?		
3	Show a Job Fact Sheet?		
4	Show the project daily log that has the following items filled out: date work completed, weather conditions, materials used, amount of work completed & batch numbers?		
5	Show the SDS sheets for each material being installed?		
6	Explain what type of information is in each section of the SDS sheets?		
7	Show the filter change out schedule/log?		
8	Show where emergency numbers are posted?		
9	Show the temperature range that is recommended for the product?		
10	Demonstrate a tool box talk/safety briefing?		
11	Select the proper eye PPE?		
12	Select the proper hand PPE?		
13	Select the proper protective clothing PPE?		
14	Select the proper footwear PPE?		

Field Examiner Signature: _____

Start Time: _____ End Time: _____

		Yes	No
15	Show Quality Control procedures/log?		
16	Demonstrate completing a roof sketch that shows the areas of work completed for the day?		
17	Select the proper respiratory PPE?		
18	Select the proper PPE that should be used for the specific coating being installed?		

Field Examiner Signature: _____

Start Time: _____ End Time: _____

NOTE: Shaded areas are the same on both Insulation & Roofing Field Exams



SPFA ROOFING MASTER INSTALLER FIELD EXAM

2. Pre-Application (15% weighting)

Scope: Demonstration of the ability to verify substrate conditions are acceptable and that safety procedures and equipment are being utilized.

Did the candidate do the following:		Yes	No
1	Select and show where the proper safety and warning signs are located at the jobsite?		
2	Show that all heat producing devices and ventilation systems are disabled, sealed and protected from exposure to SPF and from accidental powering on during spray and ventilation periods?		
3	Show the location of power sources and equipment that should be locked and tagged out?		
4	Demonstrate the proper lockout and tag out procedure?		
5	Show locations of fire extinguishers, confirm inspection date is current, correct type and quantity?		
6	Show areas on the project where fall protection will be required and demonstrate safe setup?		
7	Demonstrate how to check the substrate temperature prior to application of spray polyurethane foam and indicate the proper temperature range?		
8	Demonstrate how to check the moisture level on/in the substrate and indicate whether the surface is dry enough to apply foam?		
9	Demonstrate that the substrate is properly prepared and is clean, dry and free of dust, loose scale or rust, oil or ice?		
10	Demonstrate proper masking procedures in the mock up area?		

Field Examiner Signature (Pre-Application): _____

Start Time: _____ End Time: _____

		Yes	No
11	Demonstrate how to properly set up both an extension and a step ladder?		

Field Examiner Signature (Ladder Set-Up) _____

Start Time: _____ End Time: _____

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3. Equipment/Rig (10% weighting)

Scope: Demonstration how to service equipment and identify various procedures and processes in rig in accordance with manufacturer's guidelines.

Did the candidate do the following:

		Yes	No
1	Show the HMIS label on the container for the foam that will be used and explain what the instructions mean?		
2	Show the lot number and expiration dates?		
3	Show the location of the eye wash?		
4	Inspect and check equipment and tools for operation or damage and indicate whether tool is safe or unsafe for use?		
5	Explain to examiner the procedure to ensure a continuous supply of material to the machine, and indicate the techniques used?		

Field Examiner Signature (Equipment Rig): _____

Start Time: _____ End Time: _____

Yes No

6	Demonstrate how to rebuild the plural component spray gun?		
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Field Examiner Signature (Gun Rebuild): _____

Start Time: _____ End Time: _____

NOTE: Shaded areas are the same on both Insulation & Roofing Field Exams



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4. Application (45% weighting)

Scope: Prep area for PPE which is required at Station 4 Demonstration of application of spray polyurethane foam to specific thickness with proper pattern/distance and mix.

Did the candidate do the following:		Yes	No
1	Demonstrate how to spray a test pattern and describe how the test is used to verify proper mix and pattern?		
2	Demonstrate spraying with the gun at the proper distance from substrate?		
3	Demonstrate the proper application of foam to the parapet wall?		
4	Demonstrate the proper application of foam at the pipe penetration?		
5	Demonstrate the proper application of foam around the drain?		
6	Demonstrate how to apply foam in a uniform manner and to a specified thickness plus/minus 1/4" over the mock up roof area?		
7	Demonstrate how to use a probe to check depth and measure surface uniformity, and explain how to seal the resulting hole? (Candidate shall notify examiner when the application is complete and ready to be checked by examiner).		
8	Demonstrate the ability to spray a pass no more than 1 1/2" or less than 1/2" in thickness?		
9	Demonstrate how to ensure adhesion of foam to substrate? (Note: Core tool is available for candidate use).		

Field Examiner Signature (Spray Booth): _____

Start Time: _____ End Time: _____

		Yes	No
10	Demonstrate they can spray coatings in straight lines and overlap in proper spray pattern?		
11	Demonstrate the ability to spray coating at a specified mil thickness over a given area?		

Field Examiner Signature (Coating Application): _____

Start Time: _____ End Time: _____

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5. Start-up/Shutdown, Testing, Repair (15% weighting)

Scope: Demonstration of proper way to start-up, adjust, shut-down, test equipment and blister repair procedures.

Did the candidate do the following:		Yes	No
1	Demonstrate proper equipment start up procedures for the generator, compressor, air dryer, transfer pumps, proportioner, hoses and gun?		
2	Demonstrate procedures for adjusting heat and pressure on the spray machine?		
3	Show how to troubleshoot a pressure imbalance on the spray machine?		
4	Show how to use equipment error codes to troubleshoot problems on the machine?		
5	Demonstrate proper procedure for shut down to park the equipment?		
6	Demonstrate proper procedure for shut down of the heaters A-B and hose?		
7	Demonstrate proper procedure for shut down of the air compressor?		
8	Demonstrate proper procedure for shut down of the main power?		
9	Demonstrate proper procedure for end of job shut down procedures?		

Field Examiner Signature (Start Up/Shut Down): _____

Start Time: _____ End Time: _____

		Yes	No
10	Demonstrate how to take and repair a core sample?		
11	Demonstrate how to take and repair a slit sample?		
12	Demonstrate they know how to use an optical comparator to read dry film thickness?		
13	Demonstrate how to repair a blister that is less than 4 inches?		
14	Explain the procedure for repairing a blister that is more than 4 inches?		
15	Show how to change the tip in a coating sprayer?		
16	Demonstrate how to clean the coating sprayer after use?		

Field Examiner Signature (Testing - Repair): _____

Start Time: _____ End Time: _____

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COMMENTS:

The signatures on previous pages confirms that the Field Examiner (s) 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 since the SPFA PCP first offered training in November 2012. I / we do solemnly declare; that to the best of my / our knowledge, this is true and correct and I make this solemn declaration conscientiously believing it to be true and I / we hereby acknowledge and agree that it is binding and of the same force and effects as if made under oath. I / we hereby authorize SPFA PCP to verify the information provided as needed.