



Performance Verification Packet

Industrial Coating & Lining Application Specialist, Level One Version 1

This performance verification is designed as one method to evaluate job skills and safe work habits of a participant. The performance of the participant must be evaluated by an NCCER certified evaluator, at an NCCER authorized assessment site and be approved by an NCCER accredited assessment center.

Last Updated: January 2010

NCCER

13614 Progress Blvd • Alachua, FL 32615

1-888-622-3720

**NCCER PERFORMANCE VERIFICATION CANDIDATE SUMMARY
INDUSTRIAL COATING AND LINING APPLICATION SPECIALIST, LEVEL ONE**

Objectives

The candidate will demonstrate the ability to select, set-up & use personal protective equipment (PPE) & specified cleaning equipment based on a given product data sheet (PDS) & material safety data sheet (MSDS.) Based on the given PDS, the candidate will demonstrate the ability to mix a coating, filter/strain a mixed coating, and use a brush to apply stripe coating. Under the supervision of the evaluator, the candidate will identify and assemble conventional and airless spray guns, demonstrate proper conventional and airless spray applications, use a Wet Film Thickness (WFT) gauge, and clean and store all equipment.

Scope

This Performance Verification provides a means to observe and evaluate competencies in the following areas:

- Surface preparation equipment requirements
- Personal protective equipment requirements
- Required cleaning methods
- Comprehension of PDS & MSDS
- Mix & filter coatings
- Stripe coating procedures
- Spray applications with conventional & airless spray guns
- Use of WFT gauge
- Proper clean up and storage of equipment

Materials Required

- PDS
- MSDS
- Standards listed for performing surface preparation (see page 2)
- PPE: eye protection, face protection, work gloves, respirator, protective clothing
- Variety of solvents with related PDS & MSDS
- Hand tools
- Power tools
- Abrasive blast cleaning equipment and accessories w/ manuals, including abrasives
- Low pressure water cleaning equipment and related safety equipment
- Surface Preparation Standards
- Three steel substrates
- WFT gauge
- Conventional spray gun
- Airless spray gun
- Brushes
- Coating strainers & filters
- Appropriate coatings
- Coating specifications
- Coating mixing tools

Time Required

6.5 hours performance, including clean up

**NCCER PERFORMANCE VERIFICATION CANDIDATE SUMMARY
INDUSTRIAL COATING AND LINING APPLICATION SPECIALIST, LEVEL ONE**

Tasks

The evaluator will provide necessary product data sheets (PDS), material safety data sheets (MSDS), specification sheets, equipment, and job-specific details for each task.

- **Select & inspect Personal Protective Equipment (PPE)**

- Based on the provided PDS & MSDS, select and inspect the correct PPE for each of the following cleaning techniques: solvent cleaning, low pressure water cleaning (<5000 PSI), hand tool cleaning, power tool cleaning, dry abrasive blast cleaning, & wet abrasive blast cleaning.

Time: to be completed in 30 minutes or less.

- **Select & set up Surface Preparation Equipment**

- Based on the provided PDS, select and set-up equipment required for the following types of cleaning: solvent, low pressure water cleaning (<5000 PSI), hand tool, power tool, dry abrasive blast cleaning and wet abrasive blast cleaning

Time: to be completed in 90 minutes or less.

- **Perform Surface Preparation using proper PPE**

- Demonstrate solvent cleaning to SSPC – SP 1
- Demonstrate low pressure water cleaning to NACE No. 5; SSPC - SP 12
- Demonstrate hand tool cleaning to SSPC – SP 2
- Demonstrate power tool cleaning to SSPC – SP 3
- Demonstrate dry abrasive blasting to NACE No. 2; SSPC – SP 10
- Demonstrate wet abrasive blasting to NACE No. 2; SSPC – SP 10
- Demonstrate proper clean up and storage of all equipment

Time: to be completed in 2.5 hours or less

- **Perform Industrial Coating Applications**

- Mix coating as per PDS
- Filter/strain mixed coating
- Use a brush to demonstrate stripe coating procedures
- Use a conventional spray gun
- Use an airless spray gun
- Use a wet film thickness gauge during the conventional and airless spray applications
- Clean up and store all equipment used for coating application

Time: to be completed in 2 hours or less

NCCER PERFORMANCE EVALUATOR CHECKLIST
INDUSTRIAL COATING AND LINING APPLICATION SPECIALIST, LEVEL ONE

Date

Completed Task To Perform

- ___-___-___ 1. PPE Selection & Inspection for Each of the Following:
- Solvent cleaning
 - Low pressure water cleaning
 - Hand tool cleaning
 - Power tool cleaning
 - Dry abrasive blast cleaning
 - Wet abrasive blast cleaning
-
- ___-___-___ 2. Surface Preparation Equipment Selection & Set Up for Each of the Following:
- Solvent
 - Low pressure water cleaning
 - Hand tool
 - Power tool
 - Dry abrasive blast cleaning
 - Wet abrasive blast cleaning
-
- ___-___-___ 3. Surface Preparation - Performed each of the Following:
- Solvent cleaning to SSPC – SP1
 - Low pressure water cleaning to NACE N0. 5; SSPC – SP12
 - Hand tool cleaning to SSPC – SP2
 - Power tool cleaning to SSPC – SP3
 - Dry Abrasive blast cleaning to NACE N0. 2; SSPC – SP10
 - Wet Abrasive blast cleaning to NACE N0. 2; SSPC – SP10
 - Cleaned up and stored all equipment properly
-
- ___-___-___ 4. Industrial Coating Applications
- Mixed coating as per PDS
 - Filtered/strained mixed coatings
 - Performed stripe coating procedures with a brush
 - Applied coating using a conventional spray gun
 - Applied coating using an airless spray gun
 - Properly used wet film gauge during the conventional & airless applications
 - Cleaned up and stored all equipments properly

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Performance Verification Form

How to fill out and file your information

Participant

- 1) Print your last name, first name, and social security number.
- 2) Print your company name, current employer, and the state where your employer's main office is located.
- 3) In the space provided for "Participant Signature," sign your name and enter the date you signed the form.

Performance Evaluator

- 1) In the space provided for "Site Code," enter the postal zip code of the location where the performance verification is being conducted.
- 2) In the column provided for "Date," enter the date the participant completed each of the tasks. This date is important because there may be times a participant does not complete a performance verification in one day.
- 3) In the space provided for "Performance Evaluator," sign your name.
- 4) In the space provided for "Date," next to your signature, list the date the participant successfully completed all of the tasks.

Administrator

- 1) In the space provided for "Administrator," sign your name. Your signature indicates that the performance evaluator is certified to conduct this performance verification and that it was conducted within the guidelines of the NCCER.
- 2) In the space provided for "Date," next to your signature, list the date that this performance verification form is being sent to the NCCER for entry into the National Registry.
- 3) In the space provided for "Accredited Assessment Center," print the name of the accredited assessment center that is conducting this performance verification.

Last Updated: June 8, 2011

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**(2010) VERSION
PERFORMANCE VERIFICATION FORM**

Industrial Coating & Lining Application Specialist – PVCOATONE69 - CRAFT

Candidate information		
_____	_____	_____
Last Name	First Name	SSN or SGN
_____	_____	_____
Employer/Company Name	State	Site Code
Evaluator		
_____	_____	_____
Last Name	First Name	SSN or SGN

Task Number	TASK	DATE (MM/DD/YY)	START TIME	END TIME
01	PPE Selection & Inspection (69105-09)			
02	Surface Preparation Equipment Selection & Set Up (69102-09)			
03	Surface Preparation (69102-09)			
04	Industrial Coating Applications (69103-09 & 69104-09)			
05				
06				

Consent/Release: I, the undersigned, do hereby authorize the National Center for Construction Education and Research (NCCER) to release the information and results attained through the administration of the National Craft Assessment and Certification Program (NCACP) to the organization referenced below, and acknowledge that the employer noted above is my present employer.

Accredited Assessment Center: _____

Participant: _____ **Date:** _____

Performance Evaluator: _____ **Date:** _____

Administrator: _____ **Date:** _____

Last Updated: January 2010
Return Completed Form To:
NCCER Registry
13614 Progress Blvd • Alachua, FL 32615
1-888-622-3720