

NOTE ON PERFORMANCE TESTING

Performance Profile Sheet(s) are included in a format that can be easily photocopied for each trainee. Performance tests are designed to measure competency in the tasks taught in each module.

Please note the number of tasks to be tested while teaching each module. Each trainee should be tested on all the tasks listed on the Performance Profile Sheet(s). Before performance testing, the instructor should brief the trainees on:

- Test objectives and criteria
- Safety precautions
- Procedures for each task to be tested

The instructor administering the performance testing should also do the following:

- Ensure that all of the needed equipment is available and operating properly.
- Set up the testing stations.
- Organize and administer the test in a way that allows for optimal performance.
- Complete the Performance Profile Sheet(s) for each trainee by assigning a pass/fail score for each listed task. Also, include the testing date for each task in the rating box.
- Monitor adherence to all safety regulations and precautions.
- Provide adequate supervision to prevent injuries.
- Take immediate and effective action to remedy any emergency.

Performance Testing

If Performance Testing is done as part of the National Center for Construction Education and Research Standardized Craft Training Program, the following conditions must be met:

1. The Craft Instructor must hold valid NCCER instructor certification for the craft being tested.
2. The training must be delivered through a Accredited Training Sponsor recognized by NCCER.
3. For every module, the specific performance testing must be completed to the satisfaction of the instructor.
4. The results of the testing must be recorded on the Training Report Form 200. This form must be provided to the local Accredited Training Sponsor to be forwarded to the NCCER National Registry.

Certified Plus Credential

Provided the sponsor is working through an NCCER-Accredited Assessment Center, candidates who successfully pass performance testing may be eligible for a Certified Plus Credential. A number of NCCER's Performance Profiles cross over to NCCER's Assessment Performance Verifications and may be completed simultaneously. Go to www.nccer.org and select the Assessments tab to locate the Performance Verifications associated with this craft. Note two other important conditions are required for the Certified Plus Credential:

1. Candidates must first pass the associated written assessment.
2. An NCCER-Accredited Assessment Administrator must sign off on the Performance Verification before it is submitted to NCCER.

Craft: Industrial Coating and Lining Application Specialist

Module Number: 69201-10

Module Title: Industrial Coating Safety



Contren® Learning Series

TRAINEE NAME: _____

TRAINEE SOCIAL SECURITY NUMBER: _____

CLASS: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Also, list the date the testing for each task was completed.

Recognition: When testing for the NCCER Standardized Craft Training Program, be sure to record Performance testing results on Training Report Form 200, and submit the results to the Training Program Sponsor.

Certified Plus Credential: Trainees who successfully complete these performance tasks may be eligible for a Certified Plus Credential. Refer to the Note on Performance Testing of this Performance Profile for eligibility requirements, or contact NCCER for more information.

Objective	TASK	RATING
3	1. Demonstrate lockout/tagout procedures.	
4	2. Demonstrate proper donning of a personal fall arrest system.	
5	3. Identify intrinsically safe/explosion-proof equipment and devices.	

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**Module 69202-10 has no Performance Profile Sheet;
no performance testing is required for this module.**

Craft: Industrial Coating and Lining Application Specialist

Module Number: 69203-10

Module Title: Work Planning and Quality Control



Contren® Learning Series

TRAINEE NAME: _____

TRAINEE SOCIAL SECURITY NUMBER: _____

CLASS: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Also, list the date the testing for each task was completed.

Recognition: When testing for the NCCER Standardized Craft Training Program, be sure to record Performance testing results on Training Report Form 200, and submit the results to the Training Program Sponsor.

Certified Plus Credential: Trainees who successfully complete these performance tasks may be eligible for a Certified Plus Credential. Refer to the Note on Performance Testing of this Performance Profile for eligibility requirements, or contact NCCER for more information.

Objective	TASK	RATING
1	1. Follow and execute a work plan, including documentation of all processes.	

Craft: Industrial Coating and Lining Application Specialist

Module Number: 69204-10

Module Title: Containment



Contren® Learning Series

TRAINEE NAME: _____

TRAINEE SOCIAL SECURITY NUMBER: _____

CLASS: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Also, list the date the testing for each task was completed.

Recognition: When testing for the NCCER Standardized Craft Training Program, be sure to record Performance testing results on Training Report Form 200, and submit the results to the Training Program Sponsor.

Certified Plus Credential: Trainees who successfully complete these performance tasks may be eligible for a Certified Plus Credential. Refer to the Note on Performance Testing of this Performance Profile for eligibility requirements, or contact NCCER for more information.

Objective	TASK	RATING
4	1. Construct a containment system for a specific application.	
5	2. Install ventilation and humidification or dehumidification systems.	

continued

Craft: Industrial Coating and Lining Application Specialist

Module Number: 69204-10

Module Title: Containment



Contren® Learning Series

Objective	TASK	RATING
6	3. Using <i>SSPC Guide 6</i> , test the effectiveness of a given containment structure.	
7	4. Install containment around protrusions.	
8	5. Perform a repair on a perforated area.	

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Craft: Industrial Coating and Lining Application Specialist

Module Number: 69205-10

Module Title: Surface Preparation Two



Contren® Learning Series

TRAINEE NAME: _____

TRAINEE SOCIAL SECURITY NUMBER: _____

CLASS: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Also, list the date the testing for each task was completed.

Recognition: When testing for the NCCER Standardized Craft Training Program, be sure to record Performance testing results on Training Report Form 200, and submit the results to the Training Program Sponsor.

Certified Plus Credential: Trainees who successfully complete these performance tasks may be eligible for a Certified Plus Credential. Refer to the Note on Performance Testing of this Performance Profile for eligibility requirements, or contact NCCER for more information.

Objective	TASK	RATING
1	1. Identify and document surface conditions of steel substrates as depicted in the SSPC/NACE/ISO visual guides.	
3	2. Demonstrate the use of a dull putty knife to confirm compliance with <i>SSPC-SP 2, SSPC-SP 3, NACE No. 4/SSPC-SP 7, and NACE No. 8/SSPC-SP 14.</i>	

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Craft: Industrial Coating and Lining Application Specialist

Module Number: 69205-10

Module Title: Surface Preparation Two



Contren® Learning Series

Objective	TASK	RATING
4	3. Demonstrate field procedures for verifying cleanliness of abrasives (<i>SSPC AB2</i>) and related documentation procedures.	
6	4. Demonstrate the procedures for measuring and documenting:	
	• Nozzle aperture	
	• Nozzle air pressure	
	• Compressed air cleanliness	
7	5. Demonstrate the procedures for determining anchor profile and associated documentation using:	
	• Visual comparator	
	• Dial surface profile gauge	
	• Replica tape	
7	6. Demonstrate the procedures for determining surface cleanliness and associated documentation using one or more of the following:	
	• Transparent tape test according to <i>ISO 8502-3</i>	
	• Ultraviolet light for detection of hydrocarbon contamination	
	• Commercially available equipment to test for soluble salts	

continued

Craft: Industrial Coating and Lining Application Specialist

Module Number: 69205-10

Module Title: Surface Preparation Two



Contren® Learning Series

Objective	TASK	RATING
8	7. Use the written standard and the accompanying visual guides (<i>NACE VIS 9/SSPC-VIS 5</i> and <i>NACE VIS 7/SSPC-VIS 4</i>) to classify various examples of surface profiles.	
9	8. Demonstrate the use and documentation of inspection procedures for concrete coating work using one or more of the following moisture tests:	
	<ul style="list-style-type: none"> Moisture meters 	
	<ul style="list-style-type: none"> RH probes 	
	<ul style="list-style-type: none"> Anhydrous CaCl <i>ASTM F1869</i> 	
	<ul style="list-style-type: none"> Plastic sheet method <i>ASTM D4263</i> 	
9	9. Demonstrate the use and documentation of inspection procedures for concrete coating work using one of the following surface profiles:	
	<ul style="list-style-type: none"> ICRI surface roughness comparators 	
	<ul style="list-style-type: none"> Concrete profiler putty 	
10	10. Demonstrate the proper use and documentation of environmental monitoring procedures using:	
	<ul style="list-style-type: none"> Psychrometers 	
	<ul style="list-style-type: none"> Thermometers 	
	<ul style="list-style-type: none"> Psychrometric tables 	

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**Module 69206-10 has no Performance Profile Sheet;
no performance testing is required for this module.**

Craft: Industrial Coating and Lining Application Specialist

Module Number: 69207-10

Module Title: Coating Applications Two



Contren® Learning Series

TRAINEE NAME: _____

TRAINEE SOCIAL SECURITY NUMBER: _____

CLASS: _____

TRAINING PROGRAM SPONSOR: _____

INSTRUCTOR: _____

Rating Levels: (1) Passed: performed task (2) Failed: did not perform task
Also, list the date the testing for each task was completed.

Recognition: When testing for the NCCER Standardized Craft Training Program, be sure to record Performance testing results on Training Report Form 200, and submit the results to the Training Program Sponsor.

Certified Plus Credential: Trainees who successfully complete these performance tasks may be eligible for a Certified Plus Credential. Refer to the Note on Performance Testing of this Performance Profile for eligibility requirements, or contact NCCER for more information.

Objective	TASK	RATING
1	1. Demonstrate the use of a PDS (provided by instructor) to extract the following information:	
	<ul style="list-style-type: none"> • Storage requirements 	
	<ul style="list-style-type: none"> • Mixing and thinning procedures 	

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Craft: Industrial Coating and Lining Application Specialist

Module Number: 69207-10

Module Title: Coating Applications Two



Contren® Learning Series

Objective	TASK	RATING
	<ul style="list-style-type: none"> • Induction time requirements 	
	<ul style="list-style-type: none"> • Pot life 	
	<ul style="list-style-type: none"> • Viscosity control requirements 	
	<ul style="list-style-type: none"> • Application equipment requirements 	
	<ul style="list-style-type: none"> • Recoat/curing times 	
	<ul style="list-style-type: none"> • WFT 	
	<ul style="list-style-type: none"> • DFT 	
	<ul style="list-style-type: none"> • Ambient condition requirements 	
	<ul style="list-style-type: none"> • VOC data 	
	<ul style="list-style-type: none"> • Repair procedures 	
	<ul style="list-style-type: none"> • Cleanup procedures 	
6	2. Measure and document, prior to coating application, appropriate inspection procedures utilizing the following:	
	<ul style="list-style-type: none"> • Psychrometer 	
	<ul style="list-style-type: none"> • Thermometers (air and coating temperatures) 	
	<ul style="list-style-type: none"> • Anemometer 	

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Craft: Industrial Coating and Lining Application Specialist

Module Number: 69207-10

Module Title: Coating Applications Two



Contren® Learning Series

Objective	TASK	RATING
7	3. Document batch/lot numbers and identify defective material.	
11	4. Demonstrate proper mixing and thinning procedures.	
2	5. Demonstrate the proper technique for brush application of stripe coat.	
3	6. Demonstrate the setup, operation, cleaning, and disassembly of conventional and airless spray equipment.	
8	7. Measure and document coating film quality, during and/or after coating application, using WFT and DFT gauges.	
9	8. Demonstrate the appropriate procedures for overcoating existing coating systems.	
12	9. Demonstrate coating coverage calculations using a calculator.	

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