Industrial Coating and Lining Application Specialist

**L1 INDUSTRIAL COATING AND LINING APPLICATION SPECIALIST**

**LEVEL 1**

**Curriculum Notes**
- 307.5 Hours
- Published: 2009
- Core Curriculum is not a prerequisite for Industrial Coatings and Lining Application Specialist.
- Downloadable instructor resources that include module tests, PowerPoints®, and performance profile sheets are available at www.nccer.org/irc.

**PAPERBACK**

**ISBN**
Trainee Guide: $104.99  
Individual Modules: $24.99

**MODULES**

The modules listed below are included in the Trainee Guide. The following ISBNs are for ordering individual modules only.

- **Basic Safety** (15 Hours)  
  (Module ID 00104-03; from Core Curriculum, Third Edition) Explains the safety obligations of workers, supervisors, and managers to ensure a safe workplace. Discusses the causes and results of accidents and the dangers of rationalizing risk. Reviews the role of company policies and OSHA regulations in maintaining a safe workplace. Introduces common job-site hazards and protections such as lockout/tagout, personal protective equipment (PPE), and HazCom.

- **Surface Preparation** (100 Hours)  
  (Module ID 69103-09) Describes types of coatings, their advantages and disadvantages, applications, and specific preparations required.

- **Corrosion Protection** (5 Hours)  
  (Module ID 69202-10) Teaches the elements of corrosion in concrete and metals and describes the chemistry of corrosion.

- **Coating Application** (105 Hours)  
  (Module ID 69201-09) Provides an introduction to the coatings industry, including career opportunities and an introduction to coatings safety.

**L2 INDUSTRIAL COATING AND LINING APPLICATION SPECIALIST**

**LEVEL 2**

**Curriculum Notes**
- 320 Hours
- Published: 2010
- Downloadable instructor resources that include module tests, PowerPoints®, and performance profile sheets are available at www.nccer.org/irc.

**PAPERBACK**

**ISBN**
Trainee Guide: $104.99  
Individual Modules: $24.99

**MODULES**

The modules listed below are included in the Trainee Guide. The following ISBNs are for ordering individual modules only.

- **Basic Rigging** (20 Hours)  
  (Module ID 00106-04; from Core Curriculum, Third Edition) Explains how ropes, chains, hoists, leaders, and cranes are used to move material and equipment from one location to another on a job site. Describes inspection techniques and load-handling safety practices. Also reviews American National Standards Institute (ANSI) hand signals.

- **Work Planning and Quality Control** (25 Hours)  
  (Module ID 69203-10) Explains how to follow and execute a work plan. Covers area and ratio calculations and explains how to determine VOC ratios when adding thinners. Explains the effects of pressure, volume, and temperature on surface preparation and application.

- **Coating Application Two** (100 Hours)  
  (Module ID 69204-10) Describes the types of coating and surface preparation applications, including standards and verification. Also covers containment erection and repair.

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