Industrial Coating and Lining Application Specialist

Curriculum Notes

- Coating Application (105 Hours)
  - (Module ID 69104-09) Covers the application of various coatings, including equipment setup, mixing, and preparation of coatings.

- Health and Safety, Debris Management, Containment, and Ventilation (47.5 Hours)
  - (Module ID 69105-09) Teaches proper health and safety procedures for operators applying coatings in an industrial workplace. The use of personal protection equipment, debris management, and proper containment and ventilation procedures are discussed.

- Containment (60 Hours)
  - (Module ID 69106-10) Discusses the physical properties of various coatings, including convertible and nonconvertible types. Also covers basic curing mechanisms and methods of film formation.

- Work Planning and Quality Control (25 Hours)
  - (Module ID 69206-10) Discusses the physical properties of various coatings, including convertible and nonconvertible types. Also covers basic curing mechanisms and methods of film formation.

- Industrial Coating Safety (30 Hours)
  - Instructor $20 ISBN 978-0-13-604824-4
  - (Module ID 69201-10) Describes safety standards and regulations, access control, and personal safety equipment and training requirements. Covers safety decision-making procedures.

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

- Surface Preparation (100 Hours)
  - Module ID 69102-09: Describes the use of basic equipment as well as cleaning procedures.

- Industrial Coatings (15 Hours)
  - Module ID 69103-09: Describes types of coatings, their advantages and disadvantages, applications, and specific preparations required.

- Corrosion Protection (5 Hours)
  - Module ID 69203-10: Explains how to determine VOC ratios when adding thinners. Explains the effects of pressure, volume, and temperature on surface preparation and application.

- Training Coating Application (105 Hours)
  - Module ID 69104-09: Covers the application of various coatings, including equipment setup, mixing, and preparation of coatings.

- Health and Safety, Debris Management, Containment, and Ventilation (47.5 Hours)
  - Module ID 69105-09: Teaches proper health and safety procedures for operators applying coatings in an industrial workplace. The use of personal protection equipment, debris management, and proper containment and ventilation procedures are discussed.

- Containment (60 Hours)
  - Module ID 69106-10: Discusses the physical properties of various coatings, including convertible and nonconvertible types. Also covers basic curing mechanisms and methods of film formation.

- Work Planning and Quality Control (25 Hours)
  - Module ID 69107-10: Discusses the physical properties of various coatings, including convertible and nonconvertible types. Also covers basic curing mechanisms and methods of film formation.

- Industrial Coating Safety (30 Hours)
  - Module ID 69108-10: Describes safety standards and regulations, access control, and personal safety equipment and training requirements. Covers safety decision-making procedures.

- Corrosion Protection (5 Hours)
  - Module ID 69109-10: Teaches the elements of corrosion in concrete and metals and describes the chemistry of corrosion.