

NACE Coating Inspection Program (CIP) Level 1

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Duration 6 days

Description The CIP Level 1 course is an intensive presentation of the basic technology of coating application and inspection over a full 60 hours of personal instruction and practice. This course provides both the technical and practical fundamentals for coating inspection work on structural steel projects. The course concludes with both a written and practical (hands-on) examination.

Who Should Attend? Although specifically designed for coating inspector trainees, this course will benefit anyone interested in gaining a better understanding of coatings application and inspection including: project engineers, quality assurance managers, contractors, painters, technical sales representatives, blasters, paint applicators, and maintenance personnel.

Course Highlights

- Coatings Introduction
- Curing Mechanisms
- Role of the Inspector
- Environmental Test Instruments
- Inspection Procedures
- Non-destructive Test Instruments
- Coating Specifications
- Documentation
- Application Procedures
- Surface Preparation and Standards
- Coating Failures
- Field Lab
- Pre-job Conference
- MSDS and Product Data Sheet Review
- Logbook Documentation
- Measurement of Ambient Conditions
- Team Exercises/Case Studies
- Non-destructive Testing and Inspection

Prerequisites There are no prerequisites for this course.

Materials Students will receive the CIP Level 1 Course Manual on CD-ROM prior to the start of course. A course manual will be provided to students on-site.