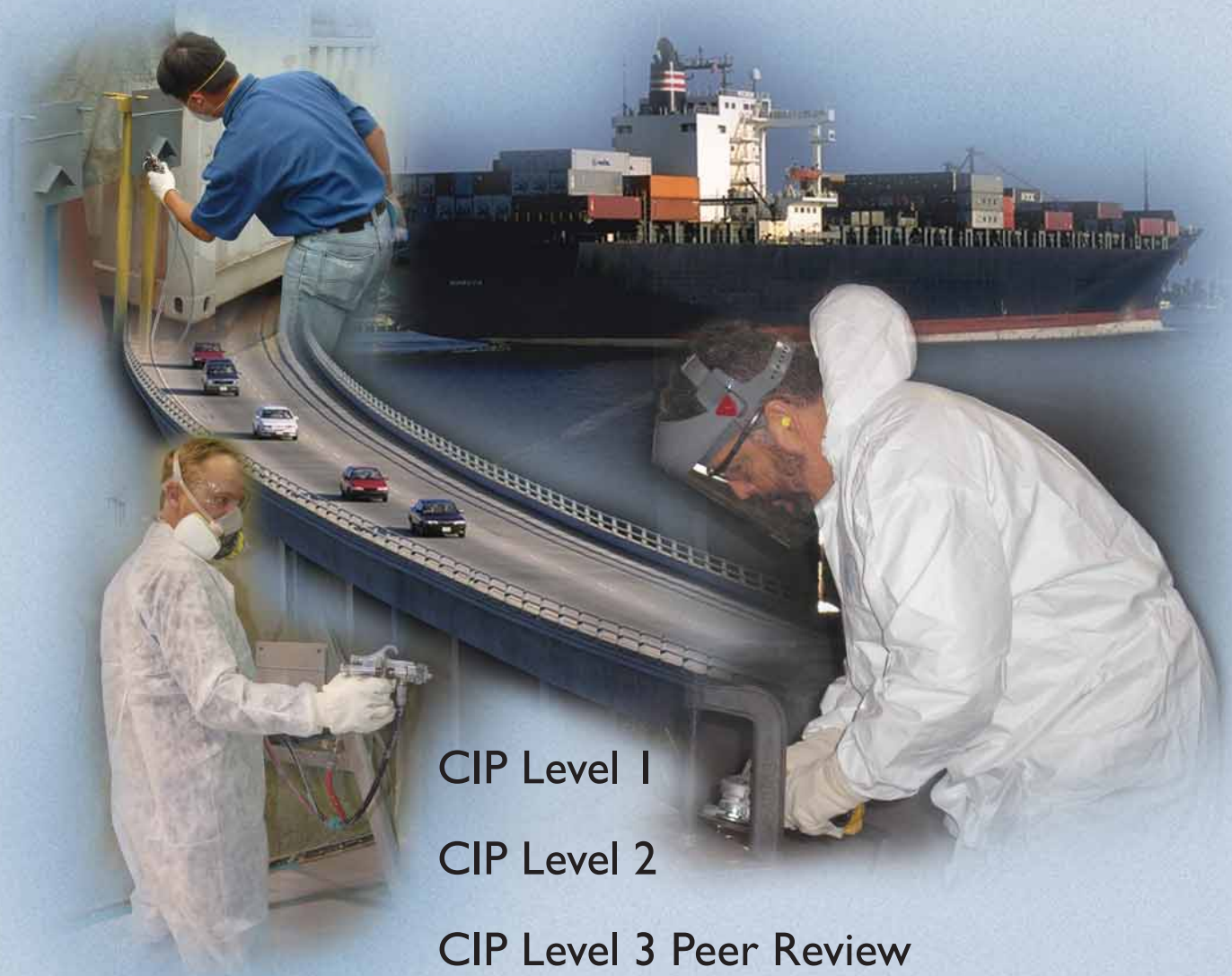


Coating Inspector Program (CIP) Training & Certification



CIP Level 1






CIP Level 2

CIP Level 3 Peer Review

CIP 1- Day Bridge Specialty Course

NACE Coating Inspector Program (CIP) Training & Certification

The NACE Coating Inspector Program (CIP) has become the most widely recognized coating inspector certification program in the world. Taught by respected leaders in the protective coatings industry, CIP training courses have been offered in more than 32 countries.

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Career Opportunities with CIP Certification

Once individuals successfully complete CIP Levels 1 or 2 by course or exam, or pass the Peer Review, they are eligible to apply for the related certifications, listed below. Each certification level allows them to perform more advanced tasks in the field.

NACE Coating Inspector Level 1-Certified

With this level of certification, a person is qualified to undertake basic coating inspection of structural steel using nondestructive techniques and instrumentation under the supervision of a NACE Certified Coating Inspector-Level 3. The person certified at this level has basic knowledge of coating materials and techniques for surface preparation and application on steel substrates.

NACE Coating Inspector Level 2-Certified

With this level of certification, a person is qualified to perform advanced coating inspections using both nondestructive and destructive techniques and instrumentation. The person certified at this level has sufficient knowledge of specialized coating materials and techniques for the surface preparation and application used on a wide variety of substrates. He/she also has ample knowledge in advanced report writing, condition surveys, failure analysis, and refurbishment.

NACE Certified Coating Inspector-Level 3

With this level of certification, a person has demonstrated experience in practical environments to a panel of peers when faced with coatings related scenarios. This individual possesses the knowledge and can perform the tasks of individuals certified at Levels 1 and 2. Furthermore, this certification qualifies a person to supervise individuals who are NACE Coating Inspector Level 1-Certified and NACE Coating Inspector Level 2-Certified.



CIP Level I



Certification

Students successfully completing either the 6-day Classroom Course or CIP Exam Course I are recognized as NACE Coating Inspector Level I-Certified.

Course Description

CIP Level I presents the basic technology of coating application and inspection that offers more than 60 hours of instruction and practice. This course provides both technical and practical fundamentals for coating inspection work on structural steel projects.

Who Should Attend

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

Course Highlights

Curing Mechanisms	Role of the Inspector
Test Instruments	Inspection Procedures
Coating Specifications	Application Procedures
Coating Failures	Field Lab
Pre-job Conference	MSDS and Product Data Sheet Review
Logbook Documentation	Surface Preparation
Team Exercises	Case Studies

Training Options

6-day Classroom Course

This option provides 60 hours of classroom instruction, including one day of hands-on training. The course concludes with both written and practical exams.

CIP Exam Course I (with purchase of CIP DVD Set I)

This option completes the Level I training contained in the CIP DVD Set I. This three-day short course includes a practical lab at an offsite coatings facility, hands-on training necessary to perform coating inspection work, and team exercises. It concludes with both written and practical exams.

CIP Level 2



Certification

Students successfully completing either the 6-day Classroom Course or CIP Exam Course 2 are recognized as NACE Coating Inspector Level 2-Certified.

Course Description

CIP Level 2 focuses on advanced inspection techniques and specialized applications for both steel and non-steel substrates. The course explains in-depth coverage of surface preparation, coating types, inspection criteria, and failure modes for various coatings, including specialized coatings and linings.

Who Should Attend

Anyone interested in becoming NACE Coating Inspector Level 2-Certified or increasing his or her coating inspection knowledge should attend this course.

Course Highlights

- Dehumidification
- Waterjetting
- Hot Dip Galvanizing
- Concrete and Cementitious Surfaces
- Specialized Application Equipment
- Coating Survey Techniques
- Cathodic Protection
- Case Studies
- Use of Inspection Procedures for Both Destructive and Nondestructive Test Instruments
- Centrifugal Blast Cleaning
- Coating Types and Inspection Criteria
- Spray Metalizing
- Pipeline Coatings
- Inspection Instruments Lab
- Laboratory Instruments and Test Methods
- Team Exercises

Training Options

6-day Classroom Course

This option provides 60 hours of classroom instruction, including hands-on training. The course concludes with both written and practical exams.

CIP Exam Course 2 (with purchase of CIP DVD Set 2)

This option completes the Level 2 training contained in the CIP DVD Set 2. This three-day short course includes hands-on training necessary to perform coating inspection work, team exercises, and both written and practical exams.

CIP Level 3 Peer Review



Certification

Successful completion of the CIP Level 3 Peer Review is required to achieve the recognition of NACE Certified Coating Inspector-Level 3.

Course Description

The CIP Level 3 Peer Review is a detailed oral examination in front of a three-member review board that lasts approximately two hours and is graded on a pass/fail basis. The exam includes a series of questions that test the candidate's practical and theoretical knowledge of coatings and coating inspection. Candidates are questioned from a random draw of areas ranging from standards, procedures, ethics, coatings use, inspection instruments, role-playing, and specific case questions.

Who Should Attend

Anyone interested in completing his or her CIP training to receive recognition as a NACE Certified Coating Inspector-Level 3.

Prerequisites

Students who have successfully completed CIP Level 2 and have two years of verifiable coatings-related work experience may register for the CIP Level 3 Peer Review. Work experience documentation forms must be submitted to NACE Headquarters at least 60 days prior to the course start date.

CIP I-Day Bridge Specialty Course



Course Description

The CIP I-Day Bridge Specialty Course provides participants in CIP with specific training related to coating inspection of bridges. The course focuses on coating application of bridges and the role of the bridge coating inspector in the quality control process.

Prerequisites

Successful completion of CIP Level I is required to register for this course.

Course Highlights

- Special Considerations for the Bridge Environment
- Bridge Inspection Issues
- Thermal Spray Techniques
- Coating of Concrete
- Testing for the Presence of Soluble Salts

Recognition

Students who successfully complete this course will receive a Bridge Stamp on their CIP wallet cards.



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NACE International is a professional association dedicated to promoting public safety, protecting the environment, and reducing the economic impact of corrosion. Established in 1943, NACE International has more than 17,000 members worldwide and offers technical training and certification programs, sponsors conferences and produces industry standards, reports, publications, and software.