



# COATINGS IN CONJUNCTION WITH CATHODIC PROTECTION

The world's leading source of training and information on coating inspection organized by IMC engineering S.r.l.

The CCCP is directed toward those who are responsible for corrosion control using protective coatings and observing, recording or measuring of the effectiveness of CP System (Manager, engineers, field personnel and technicians)

CCCP Course focuses on the control of metallic corrosion by protective coatings and cathodic protection, with coatings as the primary method of control supplemented by cathodic protection.

A clear understanding of the synergistic relationship as well as the principles of the two technologies when used together is crucial to understanding the risks involved when either component fails to perform as engineered.

The course will cover the selection, specification, application, testing and inspection of coatings when used with CP.

CCCP provides students with the skills and knowledge to implement and monitor a corrosion control program that utilizes both methods.

Classroom instruction is comprised of lectures and open discussions and concludes with a written exam.

**Prerequisites to register and attend the course:** It is recommended that attendees have at least six months of corrosion control work experience, and high school diploma, CP1, CP Tester Certification and CIP Level 1 recognition or equivalent training.

**Certification:** To receive a certificate of completion\* must be attend the entire course and successfully pass each learning assessment for the course.

\*The Certificate of Completion should not be interpreted as the award of NACE Institute Certification.

For more information please contact [training@imc-quorum.com](mailto:training@imc-quorum.com)

## Learning Objectives

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|---|--|
| ✓ Understand basic corrosion theory and CP fundamentals                               | ✓ Recognize failure modes of the various coatings in relationship to CP                      |
| ✓ Identify types of structures protected by coatings and CP                           | ✓ Identify disbanded coatings as related to external corrosion and stress corrosion cracking |
| ✓ Understand the synergistic relationship of coatings used in conjunction with CP     | ✓ Define CP shielding and non-shielding coatings   |
| ✓ Determine the advantages and disadvantages of coating types used with CP            | ✓ Properly examine and evaluate in-service coatings used with CP                             |
| ✓ Perform selection criteria, application, inspection and testing of various coatings |  |
| ✓ Identify the failure modes of the various coatings in relationship to CP            |  |

LOCATION: CROWNE PLAZA MILAN MALPENSA (<http://www.crowneplazamalpensa.com/index.htm>)

DURATION: 6-Day Classroom Course

- Day 1: 14:00 to 18:30
- Day 2-5: 08:00 to 18:30
- Day 6 (exam day): 08:00 to the end, unless otherwise noted

LANGUAGE: English