



BASIC CORROSION

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

The Basic Corrosion Course is for individuals interested in a basic survey of corrosion. It focuses on corrosion and the potential problems caused by corrosion.

It provides a basic but thorough review of causes of corrosion and the methods by which it can be identified, monitored, and controlled.

Active participation is encouraged through hands-on experiments, case studies and open discussion format. A written exam is given at the end of the course. A person who successfully completes this course will know enough about corrosion to be able to pursue additional study and professional development through the NACE Certification Program.

Prerequisites to register and attend the course: No previous training in corrosion control is required. However a basic understanding of science and chemistry is highly recommended.

Certification: To receive a certificate of completion* must attend the entire course and successfully pass each learning assessment for the course. With Basic Corrosion Course the student can achieve the corrosion technician certification submitting at least 2 years work experience to NACE INTERNATIONAL.

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

For more information please contact training@imc-quorum.com

Learning Objectives

- ✓ Define corrosion and recognize each form of corrosion
- ✓ Describe the economic, environmental, and safety significance of corrosion
- ✓ Recognize terms and definitions of basic electrochemistry
- ✓ Understand electrochemical processes and concepts
- ✓ Identify the different types of corrosive environments that affect corrosion
- ✓ Recognize the properties and classify types of metals, non-metals, composites, concrete, and ceramics
- ✓ Understand principal corrosion control methods
- ✓ Control corrosion by design, materials selection, modification of environment, protective coatings, and cathodic and anodic protection
- ✓ Differentiate between inspection and monitoring
- ✓ Recognize the principles of common techniques for inspection, monitoring, and testing

LOCATION: PLACE TO BE DEFINED

DURATION: 5-Day Classroom Course - (the end time may change at the discretion of instructors)

- Day 1: 08:00 to 18:00
- Day 2-4: 08:00 to 18:30
- Day 5 (exam day): 08:00 to the end, unless otherwise noted

LANGUAGE: English