

## Coatings Selection & Specification

**Duration** 3 days

**Description** This course aims to provide participants with the ability to produce a clear and technically correct protective coatings specification. The course provides theoretical and practical information on coatings selection for corrosion control, largely based on AS/NZS 2312 Guide to the Protection of Iron and Steel against exterior Atmospheric Corrosion.

Inspection is only one part of ensuring a quality coating job, and selecting the correct coating system and writing a good specification are just as important. This course has been developed to provide information to assist the specifier select the best coating system and to write a specification.

**Who Should Attend?** The course is designed for people involved in coating selection or specification which would include architects, engineers, corrosion engineers, project managers, coating applicators and technical representatives of coating suppliers.

**Course Highlights**

- Determining the Corrosivity of an Environment
- Importance of Design in Corrosion and Coating Life
- Methods and Standards of Surface Preparation
- Advantages and Disadvantages of Metallic and Specialist Coatings
- Different Types of Paints, Their Properties and Where They Are Used
- Procedures and Factors of Maintenance Painting
- Factors Which Affect Selection of a Coating System
- Features of the coating systems described in AS/NZS 2312
- Understanding the Content of a Specification
- Writing a Specification

**Prerequisites** Successful completion of the ACA Coating Inspection Certificate or equivalent.

**Please Note:** This course covers technical aspects of selection and specification of protective coatings, largely for atmospheric environments. It does not specifically cover coatings for pipelines, or other underground purposes, nor does it cover decorative, anti-fouling, fire-resistance or other types of coatings. However, much of the information would be relevant for such applications. The course does not cover non-technical aspects of specifications such as contractual, financial, health and safety and environmental requirements, etc.