



Institute of Materials, Malaysia

IMM Coating Training Course

Certified Coating Inspector Refresher Course

Code: CIR

HRDF claimable

Coating Inspector Level 1 or Level 2 has a 5-year certification validity followed by another 5-year re-certification period. As a result, after 10 years, the certification needs to be renewed. Hence, the Refresher Course of IMM Certified Coating Inspector is designed to ensure that the coating inspectors keep their knowledge up-to-date. While many of the inspectors will carry out numerous important inspections in their work, it is very likely they were not re-trained for all the topics covered in Coating Inspector Level 1 or Level 2 course.

Reference standards (reference used shall refer to the latest published document):

- ASTM D 1186-87: Non Destructive Measurement of Dry Film Thickness of Non Magnetic Coatings Applied to a Ferrous Base
- ASTM D 3359-87: Measuring Adhesion by Tape Test
- ASTM D 4541-95: Pull-Off Strength of Coatings by Portable Adhesion Testers
- ASTM D 5162-91: Discontinuity (holiday) Testing of Non Conductive Protective Coating on Metallic Substrates
- ASTM D 610: Evaluation Degree of Rusting on Painted Steel Surfaces
- ASTM D 6677: Standard Test Method for Evaluating Adhesion by Knife
- ISO 8501-1: Preparation of Steel Substrates Before Application of Paint and Related Products – Visual Assessment of Surface Cleanliness
- ISO 8509: Tests for the Assessment of Surface Cleanliness
- MS 2736 (previously known as IMM FP01): Coating Fingerprinting Overall Procedures for Paints Using FTIR and Other Related Methods

Who should apply

For IMM Certified Coating Inspectors Level 1 or Level 2 who are applying for re-certification.

Objectives

The objective of this refresher course is to review and revise the topics and to provide up-to-date knowledge and skills required in conducting quality inspections on coatings.

Course topics

- Introduction to corrosion
- Components of paints and paint manufacturing
- Important types of paints and their use
- Surface preparation
- Application and storage of paint
- Paint faults and coating defects
- Tests and measurement instrumentation
- Safety and health
- The Coating Inspector
- Coating project specifications
- New paint technology
- Coating fingerprinting

Course duration

1 day



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Candidate's criteria

Candidate shall possess IMM Coating Inspector Level 1 or Level 2. This course is mandatory at the expiry of the certification period for all certified individuals as a pre-requisite for recertification by IMM.

Certificate awarded

Certificate of attendance

Validity period of certificate

1 year

Information on re-certification

The candidate is eligible for re-certification within 1 year of attendance subject to the following conditions being met:

- providing proof to IMM that he/she has been employed in a related profession
- accumulating sufficient CPD points*

The candidate must re-sit the certification examination if he/she has been out of the profession for more than 18 months continuously during the certification/re-certification period.

** The minimum number of CPD Points to be accumulated over a 5-year period shall be 100 points with an annual requirement of at least 10 points.*