



## INSTITUTE OF MATERIAL, 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. 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**

One (1) day (can be physical or online training mode)

**Candidate's criteria**

Candidate shall possess IMM Coating Inspector Level 1 or Level 2.

**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; and
- providing proof of attendance to the refresher course.

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.