



## INSTITUTE OF MATERIAL, MALAYSIA

### IMM Coating Fingerprint Certification Scheme

### Certified Coating Fingerprint Trainer/Examiner

Code: FPT

*HRDF claimable*

This is a certification program for those who would like to be involved in the training and examination of Coating Fingerprint Quality Controller Level 1 (FP1) or Level 2 (FP2) or Professional Level 3 (FP3) for related IMM training/certification program(s). Topics include presentation skills, communication skills, and understanding of the subject to be presented. The candidates will be assessed on handling quality assurance & quality control aspects; and conduct evaluation of competency examination of the coating fingerprint tasks since the Coating Fingerprint Quality Controllers or Professionals are engaged by paint manufacturers, 3<sup>rd</sup>-party laboratory, (sub-)contractors, auditors and owner for conformity analysis and assurance of batch-to-batch paint/coating consistency.

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

- MS 2736 (previously known as IMM FP01), Coating Fingerprinting Overall Procedures for Paints Using FTIR and Other Related Methods
- IMM FP02, Paint Raw Material Overall Procedures Using FTIR and Other Related Methods
- IMM FP03, Dried Coating Fingerprinting Overall Procedures Using FTIR and Other Related Methods

#### Who should apply

This certification program is for IMM Certified Coating Fingerprint Quality Controller Level 2 (FP2) or higher who are interested in training and assessing candidates for the following course(s) or certification program(s):

- IMM Coating Fingerprint Foundation Course; or
- IMM Certified Coating Fingerprint Quality Controller Level 1; or
- IMM Certified Coating Fingerprint Quality Controller Level 2; or
- IMM Certified Coating Fingerprint Professional Level 3 (to be launched)

#### Objectives

The objective of this certification program is to assess and certify potential trainers/examiners on the knowledge and skills required in training and assessing candidates on coating fingerprinting at different competency levels.

#### Examination topics

- Role play as a trainer for lecture:
  - » non-verbal skills
  - » verbal and language fluency skills
  - » presentation content (knowledge and organization)
  - » handling Q&A session
- Practical demonstration:
  - » non-verbal skills
  - » verbal skills
  - » instrumentation (knowledge and skills)
  - » handling Q&A session.

- Interview:
  - » knowledge & understanding
  - » application to practice
  - » interpersonal skills

### **Examination format**

The candidates will be assessed and evaluated by the assessor on their techniques in coaching/lecturing/assessment, handling practical demonstration and Q&A session on related to course of their choice and expertise from the following list:

- IMM Coating Fingerprint Foundation Course;
- IMM Certified Coating Fingerprint Quality Controller Level 1; or
- IMM Certified Coating Fingerprint Quality Controller Level 2; or
- IMM Certified Coating Fingerprint Professional Level 3.

The candidate will then be interviewed on their understanding of the topics taught/assessed in the course/certification program selected.

### **Examination duration**

Examination will be based on:

- 30 – 45 min: Role-play as a trainer for lecture and handling Q&A session – 25%
- 30 – 45 min: Practical demonstration (can be in the form of the physical classroom, mixed reality, simulation, video *etc*) – 25%
- 30 – 45 min: Role-play as an examiner for practical and theoretical evaluation using the developed rubrics/assessment materials (can be in the form of physical examination hall, mixed reality, simulation, video *etc*) – 25%
- 10 – 15 min: Interview – 25%

### **Examination fee**

As specified on the IMM website.

### **Candidate's criteria**

Candidate should have

- Valid IMM Certified Coating Fingerprint Quality Controller Level 2 or equivalent at the same level or higher level than the certification level of the certification program with at least 5-year working experience on coating fingerprinting or in relevant field.

### **Pre-requisite training**

A candidate without experience is required to attend IMM approved/recognized training course which prepares and provides comprehensive guidance and practices aligned to the topics covered in the examination.

A candidate with experience is encouraged to attend IMM approved/recognized training course.

### **Criteria for certification**

The candidate must pass the examination with a minimum mark of 70% for each of the components – lecture & examination; practical demonstration and interview.

### **Certificate awarded**

IMM Certified Trainer/Examiner for

- IMM Coating Fingerprint Foundation Course; or
- IMM Certified Coating Fingerprint Quality Controller Level 1; or
- IMM Certified Coating Fingerprint Quality Controller Level 2; or
- IMM Certified Coating Fingerprint Professional Level 3

NOTE:

1. The candidate who passes the examination of a specific level can be appointed as trainer/examiner of that specific level and lower level(s).

**Validity period of certificate**

5 years

**Re-sit of examination**

A candidate who had failed in one or more of the examination parts can apply to re-sit for the failed component(s) of the examination within a year from the date of the first examination. The candidate shall have to pay the full examination fee for the re-sit and without the need to attend any pre-requisite training course.

**Information on re-certification**

6 months prior to the expiry of certification (at the end of the 5<sup>th</sup> year of certification), the candidate can apply for re-certification for another 5 years by

- providing proof to IMM that he/she has been employed in a related profession; and
- attending the relevant Refresher Course for certification (if any).

Prior to the expiry of the 5-year re-certification (at the end of the 10<sup>th</sup> year of certification), the candidate can continue to be certified for a further 5-year period by

- providing proof to IMM that he/she has been employed in a related profession; and
- attending the relevant Refresher Course for certification (if any).

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 5-year certification or re-certification period.