

COVER STORY

IMM'S COMMITMENT TO ISO/IEC 17024 CERTIFICATION EXCELLENCE



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In today's competitive industrial landscape, professional competency is key to ensuring safety, quality, and operational excellence. The Institute of Materials, Malaysia (IMM) continues to advance professional standards within Malaysia's materials science, engineering, and industrial sectors through structured training programs, certification schemes, and professional development initiatives.

These efforts equip industry practitioners with up-to-date technical knowledge, practical expertise, and the professional integrity needed to meet the demands of modern industry.

In strengthening its certification framework, IMM achieved accreditation under ISO/IEC 17024, an internationally recognized standard for the certification of persons. This accreditation ensures IMM's certification framework aligns with global best practices, thus providing fairness, impartiality, and reliability in evaluating professional competency.

Awarded under the Persons Certification Body Scheme with Accreditation Number ACB PS 0006, this milestone confirms that IMM has implemented a structured certification system supported by documented procedures, governance frameworks, and competency-based assessments.

The accreditation was granted following a comprehensive assessment conducted by the Department of Standards Malaysia (DSM). The audit evaluated IMM's certification governance, examination procedures, assessor competency, and quality management systems. Through detailed document reviews, interviews, and on-site assessments, DSM verified that IMM's certification processes meet the stringent requirements of ISO/IEC 17024.

In the pursuit of industry excellence, accreditation represents far more than a mark of recognition; it signifies a strong commitment to quality, credibility, and professional competence. Following the achievement of its ISO/IEC 17024 accreditation, IMM successfully introduced two accredited certification schemes comprising four certification programs, marking an important step in strengthening competency standards within the industry.

These programs represent the first group of certifications accredited under IMM's ISO/IEC 17024 framework, forming the foundation of a structured and internationally recognized

certification system. Carefully selected to address critical technical competencies, these programs are designed to bridge the gap between technical knowledge, practical skills, and real-world industry requirements.

The First Wave of Excellence

IMM's accredited certification portfolio currently covers two certification schemes with four certification programs, each addressing critical competencies required to maintain industrial safety, reliability, and operational integrity.

IMM Certified Technician in Mechanical Joint Integrity Certification Scheme

- Certified Technician in Mechanical Joint Integrity for Small-Bore Piping, Tubing and Valves (MJ-IBV)
- Certified Technician in Mechanical Joint Integrity for Flange Bolted Connections (MJ-FL)

IMM Certified Coating Inspector Certification Scheme

- Certified Coating Inspector Level 1 (CIL1)
- Certified Coating Inspector Level 2 (CIL2)

Schedule
Issue date: 29 March 2021
Valid until: 29 March 2026

NO: ACB PS 0006

PROGRAMME: CERTIFICATION OF PERSONS (PERSONS)

CERTIFICATION BODY LOCATION: INSTITUTE OF MATERIALS MALAYSIA (IMM) SUITE 515, LEVEL 5, BLOCK A, KELANA CENTRE POINT (LOBBY B) NO. 3, JALAN SS 7/19, KELANA JAYA 47301 PETALING JAYA, SELANGOR MALAYSIA

DATE OF INITIAL ACCREDITATION: 29 MARCH 2021

ACCREDITATION CRITERIA: ISO/IEC 17024:2012

CERTIFICATION STANDARD(S): IMM CERTIFIED TECHNICIAN IN MECHANICAL JOINT INTEGRITY (MJ-I) CERTIFICATION SCHEME

SCOPE OF ACCREDITATION	
MJ-FL	Certified Technician in Mechanical Joint Integrity for Flange Bolted Connections (MJ-FL)
MJ-IBV	Certified Technician in Mechanical Joint Integrity for Small-bore Piping, Tubing and Valves (MJ-IBV)

CERTIFICATION STANDARD(S): IMM CERTIFIED COATING INSPECTOR SCHEME

SCOPE OF ACCREDITATION	
CIL1	Certified Coating Inspector Level 1
CIL2	Certified Coating Inspector Level 2

Figure 1: Scope of Accreditation.

These certification programs reflect IMM's commitment to building a credible, competency-based certification system

hat enables industry professionals to demonstrate their expertise and maintain high technical standards. More importantly, this milestone is just the beginning, as IMM's strong foundation paves the way for additional certification programs in the future, further expanding professional development pathways and addressing the evolving needs of Malaysia's materials, engineering, and industrial sectors.

ISO/IEC 17024: A Mark of Excellence for Professionals

For members of the Institute of Materials, Malaysia and the wider engineering community, ISO/IEC 17024 accreditation is more than just a certificate, it represents a guarantee of quality, integrity, and professional credibility.

This internationally recognized standard ensures that IMM's certification programs meet the highest benchmarks for competency, impartiality, and continuous improvement, offering tangible benefits to certified professionals and the industries they serve.

• International Recognition

IMM-certified professionals earn credentials that extend beyond local recognition. This certification opens doors to opportunities beyond national boundaries, enhancing career mobility while showcasing the skills and competency of professionals to a broader network of employers and industry stakeholders.

• Impartiality and Fairness

Under ISO/IEC 17024, training and certification are clearly separated to maintain complete impartiality. Every candidate is assessed strictly based on their knowledge and technical skills, free from any conflicts of interest, ensuring that the evaluation process is transparent, objective, and credible.

• Continuous Improvement

IMM's certification system is subjected to regular audits that help identify areas for refinement and improvement. These evaluations strengthen examination integrity, operational procedures, and overall quality assurance, ensuring that the certification process remains robust, reliable, and aligned with international best practices.

The Road Ahead: Expanding a Portfolio of Excellence

While IMM takes immense pride in its current accredited certification programs, the Institute is far from standing still. To meet the evolving needs of Malaysia's industrial sectors from oil and gas to renewable energy and advanced manufacturing, IMM is actively expanding the scope of its ISO/IEC 17024 accreditation.

The demand for highly skilled, certified professionals continues to grow across the region. In response, IMM has developed a strategic roadmap to bring more of its specialized technical programs under the internationally recognized accreditation, providing formal validation for a broader range of industry specialists.

Future Focus Areas

IMM's technical committees are currently prioritizing the accreditation of several key technical disciplines that play a vital role in strengthening industrial reliability and operational excellence. These focus areas include:

- **Protective Coating Technician (PCT)**
- **Vibration Practitioner (VP)**

In addition to developing new accredited programs, IMM is also enhancing its digital certification management systems and expanding collaboration with industry partners. These efforts are aimed at ensuring that every IMM certified professional possesses the practical competencies and industry-relevant expertise required to perform effectively from day one.

A Collective Vision for the Future

The accreditation of IMM by DSM represents more than a milestone; it reflects IMM's unwavering commitment to professional excellence and alignment with international standards. This achievement showcases the synergy between the IMM Secretariat, technical committees, and industry partners, bridging the gap between academic knowledge and practical industrial application.

Looking ahead, IMM remains dedicated to advancing professional ethics, fostering continuous development, and strengthening competency across Malaysia's engineering and materials sectors. Through these ongoing efforts, IMM continues to prepare industry professionals capable of meeting the demands of an increasingly complex and globalized industrial landscape.



**RE-CERTIFICATION OF
IMM CERTIFIED PROGRAMS**
EXPIRED OR SOON-TO-EXPIRE HOLDERS OF IMM
COMPETENCY CERTIFICATES ARE ENCOURAGED TO
APPLY.

Kindly email to secretariat@iommm.org.my

MATERIALS IND

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www.iomm.org.my

Institute of Materials, Malaysia



HIGHLIGHTS

- IMM's Commitment to ISO/IEC 17024 Certification Excellence
- Effect of Injection End Position on Defects Formation in HDPE Injection Moulding
- Scientific Conference of Microscopy Society Malaysia
- Smart Maintenance for Vibrating Structure: Monitoring, Mitigation & Management
- The Malaysia Board of Technologists Experts Network in Technology, Innovation and Cooperative Event 2025
- Students Dive into Microbiologically Influenced Corrosion at Universiti Tun Hussein Onn Malaysia



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Institute of Materials, Malaysia



ANNOUNCEMENT

NEW FORMAT FOR MEMBERSHIP EXPIRY DATE

With effective date 01 November 2024, all membership applications will use an expiry date format such as the following example:

Initial Date register as member: 5 November 2023
Expiry Date: 4 November 2024



The membership expiration date is the day before the initial date of becoming a member.

<https://www.iommm.org.my>



instituteofmaterialsmalaysia

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Updated 1st September 2025



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