



MINISTRY OF INVESTMENT, TRADE AND INDUSTRY
DEPARTMENT OF STANDARDS MALAYSIA

ANNUAL REPORT

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VISION

Accepted by Malaysians,
Recognised by the World

MISSION

To provide credible standardisation and accreditation services to facilitate international trade, develop industry competitiveness towards enhanced economic growth, societal and environmental well-being.

AT A GLANCE

Governed by the Standards of Malaysia Act 1996 (Act 549), Department of Standards Malaysia (JSM – Jabatan Standard Malaysia) is an agency under The Ministry of Investment, Trade and Industry (MITI), established on 28th August 1996.

JSM is the National Standards and Accreditation Body of Malaysia. We are responsible for developing and promoting Malaysian Standards (MS), as well as providing accreditation services to conformity assessment bodies such as laboratories, certification bodies and inspection bodies. Our main focus is to develop the local industry, facilitating trade and driving the country's economic growth through standardisation and accreditation activities.

TOP MANAGEMENT



SHAHARUL SADRI BIN ALWI
Director General

HUSSALMIZZAR BIN HUSSAIN
Senior Director of Standardisation

WAN RUKIMAN BIN WAN MAMAT
Director of Accreditation

NURHAYATI BINTI AB RAZAK
Director of Management Services

NOR LATIFAH BINTI HUSSIN
Director of Strategic Planning





FOREWORD

Assalamualaikum Warahmatullahi Wabarakatuh dan Salam Malaysia MADANI.

I would like to begin by expressing my deepest gratitude to Allah S.W.T. With His grace and guidance, the Department of Standards Malaysia (JSM) has navigated the year 2024 with excellence, fulfilling its entrusted responsibilities with unwavering dedication and professionalism.

The strength and success of JSM lie in the collective commitment of its people. The demand for high standards in our service continues to grow—and rightfully so. It is through the steadfast dedication of our team that we are able to uphold the values that matter most: knowledge, integrity, respect, cultural heritage, and a profound love for our nation.

These values are the pillars of our organisation and align perfectly with the aspirations of Malaysia MADANI. As JSM moves forward, please continue to foster a strong, united, and principled workforce that not only meets expectations but sets new benchmarks of excellence in public service.

After 27 years of dedicated service, I find myself profoundly grateful for the past, hopeful for the future, and filled with pride as I pen this final Foreword in my capacity as the Director-General of JSM. This role has been more than a career; it has been a calling, an honour, and a lifelong lesson in the value of excellence, service, and national pride.

In 2024, we celebrate the 28th anniversary of Standards Malaysia—a milestone that reflects not just the passing of time, but the evolution of an institution that has grown in relevance, capability, and influence. From our establishment on 28th August 1996, we have grown into a cornerstone agency, helping shape Malaysia's industrial and economic development through the power of standards and accreditation. Today, I am proud to say: our work matters more than ever.

The year 2024 has been historic not only because of our anniversary, but because of what we have accomplished together. It has been a year of excellence, commitment, and national service—a year in which the team at JSM demonstrated what it truly means to serve the nation well in full alignment with the Malaysia MADANI philosophy.

Let me take a moment to highlight some of the key accomplishments that made 2024 so remarkable:

High-Quality Standards Development:

We continued our mission of developing standards that are not only technically sound, but socially relevant. Two standout examples include the introduction of MS 2791: Good Animal Husbandry Practices (GAHP) – Organic Farming, and MS 2781:2023 – Logistics Dataset: Guidelines for E-commerce Transactions and Last Mile Delivery. These standards are timely and forward-looking, offering critical support to sectors that are key to Malaysia's growth: agriculture and digital commerce.

**Elevating International Recognition:**

This year, we proudly stood on the global stage as Malaysian students, under JSM's guidance, won the Gold Award at the 19th International Standards Olympiad in South Korea. This achievement highlights our commitment to fostering future talent as well as showcases Malaysia's growing influence in the international standards community.

Empowering Enterprises through ESCAPE:

One of our proudest initiatives, the Standards Compliance Stewardship Programme for Enterprises (ESCAPE), made tangible impact in 2024. A total of 22 MSMEs across various sectors achieved compliance certifications, proving that our outreach and mentorship efforts are not just theoretical—they are transformative.

A Strong Year of Accreditation:

From the expansion of our medical testing and halal logistics accreditation, which keep pace with Malaysia's healthcare and halal industry growth, to the rollout of our digital accreditation platform, we have demonstrated our commitment to keeping Malaysia's accreditation services both world-class and future-ready. Our successful adoption of ISO/IEC 17029 for validation and verification bodies—particularly in the area of greenhouse gas emissions—positions us as a leader in climate-conscious standardisation and supports Malaysia's climate goals.

The National Standardisation Roadmap 2024-2030:

The launching of this roadmap guides Malaysia's next decade of standards innovation and regional leadership. The roadmap represents a strategic and collective vision for the future. It strengthens the foundation we have laid and sets a clear direction toward innovation, resilience, and regional leadership in standardisation.

Hosting the ASEAN Accreditation Forum 2024:

Our role as host for this important regional platform reinforced our leadership and deepened collaboration with ASEAN counterparts. It is a proud moment not only for us at JSM but for Malaysia's position in regional integration and trade harmonisation.

I am incredibly proud to highlight these landmark achievements. They are milestones achieved not in isolation, but through the spirit of Malaysia MADANI—built on knowledge and a deep love for our country. They reflect the heart of our institution: our people. Each of these achievements is a result of teamwork, trust, and tenacity. They represent what can be achieved when public service is delivered with integrity, and when an organisation works not in isolation, but in partnership—with government, with industry, with academia, and with society.



This Annual Report is not just a summary of our activities—it is a celebration of our journey, a reflection of our identity, and a statement of our intent to continue leading with purpose. As we continue to raise the bar for quality and trust in Malaysia, let us always remember: we are the standard-bearers of standards. The work we do at the Department of Standards Malaysia is not just technical—it is foundational. We do not merely enforce excellence; we embody it.

Every document we develop, every assessment we conduct, and every decision we make reflects not just our capabilities, but our values. We are entrusted with a responsibility that few others carry: to ensure the products people use, the services they receive, and the systems they rely on are built on quality, safety, and reliability. This is why our work must always be done with:

Integrity

Let integrity be your compass. In a world full of shortcuts, we are the ones who must walk the straight path—always guided by honesty, transparency, and professional ethics. The trust placed in us by the government, industry, and the people is sacred. We must continue to earn it, every single day.

Excellence

We do not just encourage excellence—we practise it. Let us hold ourselves to the same high standards we ask of others. Whether drafting a standard, conducting an audit, or answering an inquiry, let our work reflect the best of what public service can be: precise, thoughtful, and dependable.

Leadership by Example

The strength of our role lies in being an example. When industries look to us, they see more than processes—they see principles. Let us lead not just with our knowledge, but with our conduct. Every interaction is an opportunity to inspire confidence, create value, and build Malaysia's future.

Love for the Country

Remember, this is not just a job—it is a service to the nation. Our contribution, though sometimes behind the scenes, directly impacts public well-being, economic growth, and national reputation. Let that sense of purpose—reinforced with the intention to serve the Almighty—drive your actions, every day.

My deepest gratitude goes to every member of the JSM family. Your expertise, your spirit, and your unwavering commitment have been the pillars of our success. I have seen how each of you brings more than just skill to your work—you bring heart. And it is this spirit that has made JSM more than an agency; it has made us a community.



To our stakeholders and partners: Thank you for believing in us, for challenging us to do better, and for walking alongside us in this journey of national service. Whether in technical committees, industry dialogues, or bilateral forums—you have played an essential role in our collective progress.

To my successor, I offer my sincere congratulations. You are inheriting a legacy that is strong, but one that still has great potential to grow. I encourage you to lead with wisdom, curiosity, and courage. The landscape may continue to evolve, but the core values of JSM—excellence, integrity, and patriotism—will remain timeless.

As I retire, I do so with a deep sense of gratitude—for the opportunity to serve, for the people I have worked with, and for the progress we have made together. The trust placed in me over nearly 30 years has been the greatest honour of my professional life. Though I step away from this role, my belief in the power of standards and the impact of public service remains strong. I leave with confidence in the capable hands that will carry this legacy forward.

As Malaysia strides forward in innovation, sustainability, and economic progress, your role will only become more vital. Please continue to carry this torch with pride, humility, and an unwavering commitment to quality. Do not just uphold standards—go on to set them. Continue to raise the standard—not just in technical terms, but in how you serve, how you lead, and how you can build a better Malaysia. May JSM continue to rise, to innovate, and to serve the nation with distinction.

With sincere appreciation,

*Tewar kasih semua sepanjang 28
tahun saya berkhidmat di JSM.
(1996 — Jan 2024)*

SHAHARUL SADRI BIN ALWI
Director General
Department of Standards Malaysia







KEY ACHIEVEMENTS AND NOTEWORTHY MOMENTS



ACCSQ WG1: Initiative to Harmonise Standards

The 51st ACCSQ WG1 Meeting and its related sessions were organised by the Department of Standards Malaysia (JSM) from 28th to 30th May 2024 at Mercure Langkawi Pantai Cenang, Langkawi, Kedah. The meeting was officiated by En. Hussalmizzar Hussain, Senior Director of JSM, on behalf of the Director General of JSM. The ACCSQ WG1 Meeting addressed key issues in the harmonisation of standards at the ASEAN level across various sectors, including Product Safety, Electromagnetic Compatibility (EMC) for Electrical and Electronic Products, Medical Devices, Rubber-Based Products, Wood-Based Products, Cosmetics, Conformity Assessment, Building and Construction, and Digital Trade.



New areas for ASEAN - wide standards harmonisation were also explored, such as Energy Efficiency/Renewable Energy (EE/RE) and Smart Manufacturing Standards, including Industry 4.0 (IR 4.0). The meeting was attended by delegates from all 10 ASEAN countries, as well as dialogue partners, including the Physikalisch-Technische Bundesanstalt (PTB) and the Japanese Industrial Standards Committee (JISC).

Malaysia was represented by En. Roslee Saad (Head of Delegation), Pn. Nurulaina Nadzeri (Ministry of Investment, Trade and Industry - MITI), Pn. Ainal Fatiha Mohd Noor, En. Mohd Azrul Che Aziz and En. Shahrul Mohd Tahir.

11th ISO/TC 324: To Support Sharing Economy

JSM organised the 11th ISO/TC 324 Sharing Economy and Related Events from 15th to 18th July 2024 at the Impiana Hotel, Kuala Lumpur, to support the development of international standards for the sharing economy. This economic model leverages digital platforms to facilitate resource sharing, encompassing areas such as transportation, accommodation and services.

Delegates from 10 countries participated in a hybrid format, with the Malaysian delegation led by En. Redzuan Affandi Abdul Rahim from the Malaysia Digital Economy Corporation (MDEC). In conjunction with the 11th ISO/TC 324 Sharing Economy Meetings, JSM held a public consultation on 17th July 2024. A total of 158 participants, including representatives from government and industry particularly digital platform providers in the sharing economy sector attended a seminar and the public consultation on Draft MS 2754-2.



LAUNCH OF MS 2781:2023 LOGISTICS DATASET – GUIDELINES FOR E-COMMERCE TRANSACTIONS AND LAST MILE DELIVERY



Launching of MS 2781:2023 Logistics Dataset - Guidelines for E-commerce Transaction and Last Mile Delivery

The Malaysian Standard (MS) 2781:2023 – Logistics Dataset – Guidelines for E-commerce Transactions and Last Mile Delivery was launched by YB Senator Tengku Datuk Seri Utama Zafrul Tengku Abdul Aziz, Minister of Investment, Trade and Industry (MITI), during the MITI & Agencies Assembly No. 9/2024 at Menara MITI on 24th September 2024.

Also in attendance were YB Liew Chin Tong, Deputy Minister of MITI; YBhg. Dato' Hairil Yahri bin Yaacob, Secretary General of MITI; YBrs. En. Hussalmizzar Hussain, Senior Director of the Department of Standards Malaysia (JSM); and YBrs. En. Wan Murdani Wan Mohamad, Vice President of Digital Industry Acceleration, Malaysia Digital Economy Corporation (MDEC).

MS 2781 forms part of the National E-Commerce Strategic Roadmap (NESR 2.0) – Strategic Thrust 3, "Strengthening E-commerce Fulfillment Capacity," which aims to expand and enhance the efficiency of e-commerce fulfillment services to bolster Malaysia's regional competitiveness.

Launching of MS 2791 Good Animal Husbandry Practice (GAHP) - Organic Farming

The official launch of MS 2791:2024 Good Animal Husbandry Practice (GAHP) - Organic Farming took place on 26th November 2024 at Hotel Sama-Sama KLIA, Sepang. The ceremony was officiated by En. Roslee Saad, Senior Principal Assistant Director, representing the Director-General of the Department of Standards Malaysia (JSM), and YBrs. Dr. Akma Ngah Hamid, Director General of the Department of Veterinary Services (DVS).





As part of the launch, an awareness seminar on MS 2791 was conducted, attracting 100 participants, including representatives from various ministries, government agencies, and farm operators. The seminar provided a comprehensive overview of the key requirements for organic animal farming, addressing topics such as livestock and feed sources, farm facilities and management, health management, product storage, transportation, waste management, pest control, and record-keeping. MS 2791 serves as the primary reference document for implementing the Malaysian Organic Certification Scheme (myOrganic), reinforcing Malaysia's commitment to sustainable and responsible farming practices.

Additionally, three mini exhibition booths were set up by JSM, DVS, and the Malaysian Agricultural Research and Development Institute (MARDI) to provide further insights into organic animal farming practices and facilitate the sale of the MS document. The successful launch of MS 2791 marks a significant milestone in advancing organic farming practices in Malaysia, promoting animal welfare, environmental sustainability, and food safety within the livestock industry.

Celebrating World Standards Day 2024 with Batik Theme

On 14th October 2024, the Draft Malaysian Standard (MS) Consultation Session on Malaysian Batik was held in conjunction with World Standards Day at Hotel Perdana, Kota Bharu, Kelantan. The event was officiated by Pn. Nik Nazira Nik Yahya, representing the Director General of the Department of Standards Malaysia (JSM).

Pn. Nik Nazira Nik Yahya, alongside Pn. Nariman Yusoff, Director of Kraftangan Malaysia (Kelantan Branch), signed the World Standards Day poster themed "Shared Vision for a Better World." The poster incorporated batik pattern elements, serving as a symbolic gesture to mark the celebration.



APAC Peer Evaluation: Maintain 16 Scopes, Extend 2 Scopes

JSM as the National Accreditation Body has undergone a rigorous peer evaluation process conducted by the Asia Pacific Accreditation Cooperation (APAC). The evaluation took place in two phases: a remote office evaluation from 15th to 16th May 2024, followed by an on-site office evaluation and witnessing from 19th to 24th May 2024. A team of 15 experts from accreditation bodies across Japan, the USA, Singapore, Thailand, India, China, Vietnam, Sri Lanka and Australia carried out the evaluation.

The evaluation covered existing scopes including:

1. Calibration ISO/IEC 17025
2. Anti-bribery Management Systems (ABMS)
3. Business Continuity Management Systems (BCMS)
4. Environmental Management Systems (EMS)



5. Food Safety Management Systems (FSMS)
6. Information Security Management Systems (ISMS)
7. Medical Device Quality Management Systems (MDQMS)
8. Occupational Health and Safety Management Systems (OHSMS)
9. Quality and Safety System for Specialty Feed Ingredients (FAMI-QS)
10. Quality Management Systems (QMS)
11. Certification - Persons ISO/IEC 17024
12. Certification - Product, Process and Services ISO/IEC 17065
13. Inspection ISO/IEC 17020
14. Medical Testing ISO 15189
15. Proficiency Testing Providers ISO/IEC 17043
16. Testing ISO/IEC 17025



Additionally, during this evaluation, JSM applied for an extension of the signatory status for APAC MRA for the following scopes:

1. Validation/Verification ISO/IEC 17029 - Environmental information ISO 14065:2020
2. GHG Validation/Verification ISO 14065:2013 - International Civil Aviation Organization Carbon Offsetting and Reduction Scheme for International Aviation (ICAO-CORSIA)

This peer evaluation is essential for accreditation bodies to achieve and maintain their APAC Mutual Recognition Arrangements (MRA) signatory status. The process involves a comprehensive assessment of JSM's operations to ensure compliance with ISO/IEC 17011 and other relevant international standards. Successfully completing this evaluation signifies that the JSM's services are recognised as equivalent with other APAC MRA signatories, strengthening regional and international recognition of conformity assessment results.

APAC Peer Evaluation is conducted at regular intervals, typically every four years, to ensure on-going compliance and to uphold the mutual recognition framework that facilitates trade. The closing ceremony was officiated by YBhg. Datuk Bahria Mohd Tamil, Deputy Secretary General (Investment and Management) MITI at Hotel Le Meridien, Putrajaya.





19th International Standards Olympiad: Gold Prize and USD500 for Malaysia

The year 2024 marks a transformative phase for the Standards Education Programme, reinforcing its mission to cultivate awareness of standards among students. In collaboration with the Ministry of Education, the Department of Standards Malaysia (JSM) identified outstanding students to represent Malaysia at the 19th International Standards Olympiad in South Korea. After a five-year hiatus, Malaysia made a remarkable return, demonstrating unwavering determination and securing the prestigious Gold Award in the Middle School Category.

This significant achievement reaffirms the nation's dedication to excellence in standards and quality. Two teams represented the country at the 19th International Standards Olympiad at KAMCO Human Resource Development Center, Chungcheongnam-do, South Korea from 12th to 14th August 2024. The teams were from Sekolah Menengah Kebangsaan Convent Bukit Nanas for Middle School Category, represented by Clarissa Fong Hang Yee, Nina Marissa binti Khairul Nizam and Chuah Eunice; and for High School Category, Sekolah Menengah Kebangsaan Puteri Seremban represented by Thogaivarmini A/P Jaya Murugan, Nurul Ain Qurratu'aini binti Zamuri and Sashtikadevy Asogaran. JSM was represented by Pn. Sabariah Abdul Talib as the accompanying officer.

The competition was hosted by The Korean Agency for Technology and Standards (KATS) and the Korean Standards Association (KSA), in collaboration with International Electrotechnical Commission (IEC) and International Organization for Standardization (ISO). Students were tasked to develop a standards document on Smart Device-Voice Recognition Performance Evaluation Method (Middle School Category) and Artificial Intelligence (AI)-Guidelines for Ethical Use of AI Technology (High School Category).



The team from Sekolah Menengah Kebangsaan Convent Bukit Nanas successfully clinched the gold prize and a cash award of USD500 in the Middle School Category. This year's finals saw participation from 120 middle and high school students, forming 40 teams from 11 countries including China, South Korea, Indonesia, Saudi Arabia, Singapore, Peru, Uzbekistan, Japan, Russia, Kenya and Malaysia. The entire JSM team extends its best wishes for continued excellence as Malaysia looks forward to the 20th International Standards Olympiad in 2025: "Create your dream with Standards!"

Majlis Standard dan Akreditasi Malaysia (MSDAM)

The Majlis Standard dan Akreditasi Malaysia (MSDAM), elected by the Minister of MITI for the 2024-2026 term, has set its sights on strengthening Malaysia's standardisation and accreditation framework. The Chairman, Datuk Dr. Ir. Ahmad Fauzi Hasan has been entrusted with a second term, demonstrating the Minister's confidence in his leadership to guide the council's strategic direction. With the appointment of new members from various stakeholders, MSDAM aims to further transform the landscape of standardisation and accreditation activities in the country.

MSDAM had convened twice, first on 24th July and again on 28th November, to address key priorities in 2024. One of the council's main objectives is to enhance the credibility of Malaysia's quality infrastructure services through standards and accreditation services. Additionally, MSDAM has been actively involved in a study on the usage of standards among Malaysian organizations, led by the Department of Standards Malaysia (JSM).

MSDAM plays a crucial role in setting the direction for standardisation and accreditation in Malaysia, ensuring that these activities remain relevant in a rapidly changing global landscape. Through its work, the council supports the sustainable growth of the Malaysian economy by aligning with national priorities and international best practices in standardisation and accreditation.





Celebrating Excellence: National Standardisation and Accreditation Recognition during the Majlis Anugerah Standard dan Akreditasi Kebangsaan 2024 (2023 Recipients)

The Majlis Anugerah Standardisasi dan Akreditasi Kebangsaan was first introduced in the year of 2000, aimed to recognise the individuals and agencies that made noteworthy contributions in the field of standardisation and accreditation. For the 23rd edition, the recipients are as follows:

National Standards Award

NO.	NAME	ORGANISATION	FIELD OF EXPERTISE
1.	Tn. Haji Abdul Hamid bin Abdul Majid	Malaysian Textile Manufacturers Association (MTMA)	Textile
2.	Dr. Maslina binti Daud	Cybersecurity Malaysia	Information Technology, Communication and Multimedia
3.	Ts. Dr. Muzafar Zulkifli	Universiti Kuala Lumpur	Plastics and Plastic Products
4.	Pn. Saral a/p Maniam @ Munickam	Malaysian Association of Standards Users (Standards Users)	Information Technology, Communication and Multimedia
5.	Prof. Mohd Zainal Abidin bin Ab Kadir	Advanced Lighting, Power & Energy Research Centre (ALPER), Universiti Putra Malaysia	Generation, Transmission and Distribution of Energy





National Accreditation Award

NO.	NAME	ORGANISATION	FIELD OF EXPERTISE
1.	En. Sim Ah Bah @ Sim Ah Lek	Government Pensioner (Department of Chemistry Malaysia)	National Unified Laboratory Accreditation Scheme (Calibration and Testing) (SAMM CT)
2.	En. Ng Aik Joy	Government Pensioner (Department of Chemistry Malaysia)	National Unified Laboratory Accreditation Scheme (Calibration and Testing) (SAMM CT)
3.	En. Ng Chang Chai	Government Pensioner (Department of Chemistry Malaysia)	National Unified Laboratory Accreditation Scheme (Calibration and Testing) (SAMM CT)
4.	En. Sin Ka Soon	Government Pensioner (Department of Chemistry Malaysia)	National Unified Laboratory Accreditation Scheme (Calibration and Testing) (SAMM CT)
5.	Pn. Rozita Abdullah	Government Pensioner (Department of Chemistry Malaysia)	National Unified Laboratory Accreditation Scheme (Calibration and Testing) (SAMM CT)

Majlis Anugerah Standardisasi and Akreditasi Kebangsaan 2024 was held on the 1st of October 2024 at Menara MITI, in conjunction with MITI Day 2024. The awards were presented by YBhg. Dato' Hairil Yahri Yaacob, the Secretary General for the Ministry of Investment, Trade and Industry (MITI) to all the recipients.

The recipients expressed appreciation to the government for the honour and pledged to make more significant contributions in future undertakings.





Program Satu Pemimpin Satu Kampung (Santuni MADANI)

Kampung Sungai Pial, Merbok, Kedah was approved to be under the Santuni MADANI program by ICU JPM in July 2024. Kampung Sungai Pial was also involved in MITI Day 2024 (under JSM booth) and En. Hussalmizzar Hussain launched the fish pond project on 7th December 2024.



Kampung Angkat MADANI MITI

JSM set up a booth at the Groundbreaking Ceremony and Mini MITI Day@Kampung Angkat MADANI MITI at Masjid Kampung Tebuk Mufrad, Sabak Bernam, Selangor, officiated by YB Senator Tengku Datuk Seri Utama Zafrul Tengku Abdul Aziz, Minister of Investment, Trade and Industry (MITI). The JSM booth offered a Special Industrial Training Opportunity for IPTA/IPTS students from Kampung Tebuk Mufrad and the surrounding areas.





Program MADANI Rakyat

In 2024, the Department of Standards Malaysia (JSM) participated in the Program MADANI Rakyat, engaging with communities across Malaysia to promote quality standards. The journey began in the Northern Zone from 3rd to 5th May at Sungai Nibong Festival Site, Penang, where JSM Senior Director En. Hussalmizzar Hussain, along with En. Ahmad Razif Abd Rahim and En. Soon Lii Chyi, represented JSM at the MITI & Agencies booth.

In the Eastern Zone from 5th to 7th July at Dataran Sayangi Kuantan, Pahang, JSM collaborated with Eco Bee Biotech Sdn. Bhd., a Johor-based company producing honey-based products that comply with Malaysian Standards (MS). Their products caught the attention of MITI Minister YB Senator Tengku Datuk Seri Utama Zafrul Tengku Abdul Aziz, MITI Secretary General YBhg. Dato' Hairil Yahri Yaacob, and MITI Deputy Secretary General (Industry) YBhg. Datuk Hanafi Sakri, who sampled the honey.



The Southern Zone from 15th to 17th August at Dataran UTM, Skudai, Johor, marked a milestone as MITI Secretary General YBhg. Dato' Hairil Yahri Yaacob launched seven new sachet-sized honey products from Eco Bee Biotech, attended by Pn. Cathie Tan (Managing Director of Eco Bee Biotech), En. Azmir Musyabri Abdul Mutallib (Director of AKI, Outreach and Equity Division at MITI), and Pn. Marhani Md Jelani (Director of MITI Johor).

JSM concluded its journey at the Sayangi Sabah event from 18th to 20th October at Likas Stadium Grounds, Kota Kinabalu, partnering with Norcy Beauty Lab Sdn. Bhd. to engage the local community. Through these events, JSM reinforced its role in promoting high-quality, locally made products while strengthening nationwide awareness of standardisation and accreditation.

Program 2 Tahun Kerajaan MADANI

JSM set up a standardisation and accreditation service counter at the Program 2 Tahun Kerajaan MADANI (2TM) at KLCC, in collaboration with Noor Arfa Holdings Sdn. Bhd. (Noor Arfa), which organised an exhibition and sale of batik products that comply with MS 692 - Malaysian Batik.





EKSA: Pejabat JSM Kemas dan Bersih

JSM conducted two internal audits, Audit Pensijilan Semula EKSA JSM Bil. 1/2024 (from 22nd to 23rd February 2024) and Audit Pensijilan Semula EKSA JSM Bil. 2/2024 (22nd March 2024), as part of the Ekosistem Kondusif Sektor Awam (EKSA) Kendiri. This was followed by the Audit Pensijilan Semula EKSA on 29th March 2024, leading to recertification.



SISPAA JSM: Share Your Feedback and Complaint



YBhg. Datuk Bahria Mohd Tamil, Deputy Secretary General (Investment & Management) of MITI, launched SISPAA JSM during the Permanent Committee Meeting on Ministry Complaint Management (JKTPAK). En. Ahmad Razif Abd. Rahim attended on behalf of En. Hussalmizzar Hussain, Senior Director of JSM, along with representatives from the Public Complaints Bureau (BPA). SISPAA JSM was officially activated on 1st November 2024.



E-Akreditasi

JSM has launched a new integrated online e-accreditation system, known as e-Accreditation 2.0 that enables the department to conduct assessments digitally, providing an interface for JSM, assessors, and Conformity Assessment Bodies (CABs) to interact, thereby enhancing JSM's accreditation services.



GLOBAL ENGAGEMENT AND EVENT HOSTING



Malaysia Remains a Full Adherent to the OECD MAD System

Pn. Fariza Wan Abdullah and Pn. Rohasmizah Ismail attended the 38th Meeting of the OECD Working Party on GLP at the OECD Headquarters, Paris, France from 16th to 18th April 2024 to discuss technical matters related to the implementation of the OECD GLP Principles and the GLP Compliance Programme, which are carried out by both OECD member and non-member countries.

During the meeting, the On-Site Evaluation (OSE) Report, conducted from 14th to 20th May 2023, on two Compliance Monitoring Authorities (CMA) in Malaysia, namely JSM and National Pharmaceutical Regulatory Agency (NPRA) was presented. The report supported the extension of Malaysia's status as a Full Adherent under the OECD Mutual Acceptance of Data (MAD) system.



The OSE report was approved by the WP GLP meeting members, confirming that Malaysia remains a Full Adherent to the OECD MAD system, with the next OSE assessment scheduled in 10 years.

38th ISO CASCO Plenary Meeting



From 23rd to 26th April 2024, Cik Norehan Ishak and Cik Noraidah Subakin attended the 38th ISO CASCO Plenary Meeting in Kampala, Uganda to discuss the latest developments in standards related to conformity assessment and how the ISO CASCO Toolbox can be utilised as a reference for stakeholders in conformity assessment, quality infrastructure and trade.

JSM also conducted a courtesy visit to the Uganda Halal Bureau (UGB) to discuss matters related to halal certification and technical assistance collaboration.



45th Meeting of the International Organization for Standardization Committee on Consumer Policy (ISO COPOLCO)

From 21st to 23rd May 2024, the Malaysian delegation, comprising YBhg. Datuk Azman bin Adam (Director General of Enforcement, Ministry of Domestic Trade and Cost of Living) as Head of Delegation, En. Mohd Zaid Idris (Director of Standards and Consumer Affairs Division, KPDN), Pn. Fakheezah Borhan (JSM), and Cik Saral Maniam (Malaysian Association of Standards Users), attended the 45th Meeting of the International Organization for Standardization Committee on Consumer Policy (ISO COPOLCO) and related events in Nairobi, Kenya. The delegation also conducted a courtesy visit to the Malaysian Embassy in Nairobi.

WTO TBT Committee Meeting

Pn. Nur Hidayah Ayub Kamaruddin and Pn. Zaharah Mohammad Izat (Permanent Mission of Malaysia to the World Trade Organization) attended the WTO TBT Committee Meeting in Geneva, Switzerland, on the 5th to 7th June 2024. JSM delegation also conducted a courtesy visit to En. Syahril Syazli Ghazali (Permanent Representative of Malaysia to the WTO) and Pn. Serra Ayril (WTO Counsellor - Secretary of the WTO TBT Committee).





APAC In-Person Training: Accreditation of ISO 15189:2022, Requirements for Quality and Competence for Medical Laboratories

From 24th to 26th June, Pn. Sharifah Azlinda Syed Abu Bakar and En. Irwan M. Tahir from the Department of Standards Malaysia (JSM) attended the APAC In-Person Training: Accreditation of ISO 15189:2022, Requirements for Quality and Competence for Medical Laboratories at Le Meridien, New Delhi, India.

Also in attendance was Dr. Ehram Jemian (Department of Pathology, Hospital Sultanah Aminah Johor Bahru, Johor), along with 32 participants from 14 Asia-Pacific Accreditation Bodies, including representatives from Korea, Vietnam, Canada, Australia, Papua New Guinea, Mongolia, India, Sri Lanka, Taiwan, the United States, and Thailand.

Ms. Sheila Woodcock (Convener, ISO TC212 WG1), Pn. Fariza Wan Abdullah (JSM), and Ms. Ritu Kulsherestha (NABL, India) delivered briefings on the interpretation of clauses in ISO 15189:2022.





ISO Annual Meeting



The ISO Annual Meeting 2024, held in Cartagena, Colombia, from 9th to 13th September 2024, brought together representatives from member countries to advance international standardisation. The Malaysian delegation, comprising En. Hussalmizzar Hussain and En. Roslee Saad along with representatives from AJA EQS Certification (M) Sdn. Bhd. and KGS Certification Sdn. Bhd., attended the event.

The meeting featured an extensive programme, including workshops and plenary sessions on critical topics such as technological advancements and environmental responsibility. For Malaysia, participation highlighted our dedication to aligning national standards with international benchmarks while contributing to global discussions. Our delegation engaged actively, gaining insights into strengthening Malaysia's standardisation framework to enhance economic competitiveness and support industry growth.





88th Annual IEC General Meeting

From 20th to 25th October 2024, the IEC National Committee of Malaysia (IEC NC of MY), represented by Pn. Nurhafiza Mohamed Hasan (Suruhanjaya Tenaga - Head of Delegation), En. Mohd Noorhafiz and Ir. Chang Yew Cheong (President, TEEAM), joined business and industry leaders from around the world, alongside technology experts, at the 88th Annual IEC General Meeting 2024 (IEC GM) in Edinburgh, Scotland. Hosted by the British Standards Institution (BSI) and officiated by Her Royal Highness The Princess Royal, the meeting highlighted the significance of fostering innovation, sustainability, and global collaboration to achieve an all-electric and connected society.

The event brought together approximately 1,250 global experts who participated in various technical committee and governance meetings. These sessions focused on sharing best practices and planning for the future development and implementation of global standards, particularly for efficient energy infrastructure and emerging technologies in the electrotechnical sector.





REGIONAL **ENGAGEMENT** AND EVENT **HOSTING**



Workshop on Standardisation Activities on Electric Vehicle (EV) Battery and Its Charging Systems



From 27th to 28th February 2024, the Department of Standards Malaysia (JSM) and the Japan Industry Standards Committee, Ministry of Economy, Trade and Industry (METI), jointly organised the Workshop on Standardisation Activities on Electric Vehicle (EV) Battery and Its Charging Systems under the Malaysia-Japan Standardisation Cooperation Programme. The event took place at Zenith Hotel, Putrajaya, and was officiated by En. Hussalmizzar Hussain, Senior Director of JSM.

A total of 60 participants attended the workshop, which was supported by the Malaysia Automotive, Robotics and IoT Institute (MARii), the Association for Overseas Technical Cooperation and Sustainable Partnership (AOTS), and the Japan Automotive Research Institute (JARI). The workshop facilitated knowledge-sharing and expertise exchange between Malaysia and Japan in the electric vehicle (EV) sector, with a particular focus on the standardisation of EV batteries and charging systems.

5th Round of ASEAN-China Free Trade Agreement (ACFTA) 3.0 Upgrade Negotiations and Related Meetings

From 30th January to 2nd February 2024, the 5th Round of ASEAN-China Free Trade Agreement (ACFTA) 3.0 Upgrade Negotiations and Related Meetings was held in Hangzhou, China, led by En. See Chee Kong, Senior Director, Services Sector Development Division, MITI.

En. Hussalmizzar Hussain, Senior Director of JSM represented ASEAN, while Ms. Chen Jin, Director, Department of International Cooperation of the State Administration for Market Regulation (SAMR), China, represented China as co-chairs of the 4th ACFTA Working Group on Standards, Technical Regulations, and Conformity Assessment Procedures (WG-STRACAP). Malaysia's delegation to the meeting was represented by Pn. Wong Fei Ting (JSM).



ASEAN and China agreed that ACFTA WG-STRACAP would review and upgrade the STRACAP chapter in ACFTA to ensure its relevance and alignment with current needs.

JSM also participated in a bilateral meeting with the National Standardization Administration of the People's Republic of China (SAC) on 30th January 2024, discussing potential collaborations in standardisation. The meeting included Mr. Ren Yanbo (SAC) and representatives from the Guangxi Institute of Standards and Technology, while JSM was represented by En. Hussalmizzar Hussain and Pn. Wong Fei Ting.



Quantitative Analysis Methods for Cold Flow of Polybutadiene Rubber

23rd April 2024 – A discussion between the Department of Standards Malaysia (JSM) and the Japan Rubber Manufacturing Association (JRMA) on the New Work Item Proposal (NWIP) titled "Quantitative Analysis Methods for Cold Flow of Polybutadiene Rubber" was held at Hotel Le Meridien, Putrajaya.

JRMA was represented by Mr. Shunichi Sui and Dr. Hiroshi Yamada, while JSM was represented by Pn. Nor Faezah Mohamad Arif, Pn. Ainal Fatiha Mohd Noor, En. Mohamad Yusof Ismail, En. Shahrul Mohd Tahir, and En. Faizulhakim Abdul Manaf. Also present at the discussion were experts from NSC 14/TC 1.



Cooperation between JSM and Saudi Accreditation Center (SAAC)

En. Hussalmizzar Hussain, Senior Director of JSM, received a courtesy visit from Dr. Adel Alkeaid, CEO of the Saudi Accreditation Center (SAAC) on 24th April 2024. JSM and SAAC discussed the recognition of accreditation in the halal sector through The Islamic Forum for Halal Accreditation Bodies (IFHAB) and explored potential opportunities to strengthen collaboration between both organisations as Accreditation Bodies.





7th Round of ASEAN-China FTA 3.0 Upgrade Negotiations for the Standards, Technical Regulations & Conformity Assessment Procedures (STRACAP) Chapter in Nanning, China



En. Hussalmizzar Hussain (Co-Chair of the STRACAP Working Group) and Pn. Noraiza Abdullah (Chief Negotiator for Malaysia) represented Malaysia at the 7th Round of ASEAN-China FTA 3.0 Upgrade Negotiations for the Standards, Technical Regulations & Conformity Assessment Procedures (STRACAP) Chapter in Nanning, China from 23rd to 28th June 2024.

En. Hussalmizzar was interviewed by Chinese media representatives from Guangxi TV Station and Xinhua News Agency Guangxi Branch regarding ASEAN-China cooperation, as well as Malaysia-China collaboration in the field of standards and compliance, in conjunction with the 50th anniversary of Malaysia-China diplomatic relations.

ISO COPOLCO Visit to JSM

JSM hosted a courtesy visit from the International Organization for Standardization Committee on Consumer Policy (ISO COPOLCO) to discuss consumer-related issues at the international policy level and Malaysia's active participation in ISO COPOLCO which was represented by Dr. Moon Eunsook (Chair of COPOLCO), Ms. Anindita Mehta (COO, Consumer Education and Research Centre, India) and Mr. Bae Jang Hwan (Senior Researcher, Institute for Consumers Safety Standards, Korea) on 20th August 2024. Standards Users was represented by Prof. Emeritus Datuk Dr. Marimuthu Nadason.





Victor Gabi's Visit to JSM

Victor Gabi from the National Institute of Standard & Industry Technology (NISIT), Papua New Guinea, paid a courtesy visit to JSM on 10th September 2024. JSM was represented by En. Wan Rukiman Wan Mamat, Director of Accreditation.



38th ACCSQ Rubber-Based Products Working Group (RBPWG) Meeting

From 23rd to 26th September 2024, YBrs. En. Hussalmizzar Hussain led the Malaysian delegation, comprising representatives from Malaysian Rubber Board (MRB), the Malaysian Rubber Council (MRC), the Malaysian Rubber Glove Manufacturers Association (MARGMA), The Plastics and Rubber Institute Malaysia (PRIM), and Department of Standards Malaysia (JSM), to the ACCSQ Rubber-Based Products Working Group (RBPWG) Meeting at the Hevea Academy Malaysia, Langkawi. The meeting was chaired by Ms. Emmy Suryandari from Indonesia and attended by delegations from Cambodia, Indonesia, Lao PDR, Malaysia, the Philippines, Thailand, and Vietnam.

In conjunction with the meeting, JSM organised the Workshop on The Way Forward and Harmonisation of Standards Under RBPWG, which was attended by 40 participants representing ASEAN member states.





NATIONAL ACTIVITIES



MITI Deputy Minister Officiated JSM Knowledge Centre

YB Tuan Liew Chin Tong, The Deputy Minister of MITI, conducted a working visit to the Department of Standards Malaysia (JSM) on 3rd January 2024. As part of the visit, YB Deputy Minister also officiated the newly established JSM Knowledge Centre. The Centre is envisioned to become the main national reference centre in the field of standardisation and accreditation, aligned with its mission of providing access to comprehensive information sources to support the utilisation and inculcation of standards.



This strategic initiative is set to benefit a wide range of stakeholders including industry players, policymakers, academics and the general public by promoting greater awareness of standards and accreditation. It also aims to empower users with reliable, up-to-date information which supports informed decision-making and drives national development through the effective application of standards.

Proficiency Testing Providers: Verify the Accuracy of Testing Methods

JSM organised the Seminar on MS ISO/IEC 17043:2023 Conformity Assessment - General Requirements for the Competence of Proficiency Testing Providers from 24th to 25th April 2024 at Espira Kinrara, Puchong. The seminar was attended by 56 participants, including JSM accreditation assessors, government officials and industry representatives, to enhance their understanding of MS ISO/IEC 17043:2023 and fulfil the requirements for APAC Peer Evaluation.





Enhancing Industry Compliance: The Impact of the ESCAPE Programme in 2024

Over the past four years, the ESCAPE Programme has made remarkable strides in promoting standards compliance across various industries. A total of 38 training programmes have been successfully conducted, engaging 143 companies and leading to 22 certifications across multiple sectors. This progress highlights the programme's effectiveness in capacity building and fostering compliance with both national and international standards.

In 2024, the ESCAPE Programme continued its momentum, delivering eight targeted training sessions that benefited over 100 participants from 49 companies. Notable sessions included;

1. ESCAPE MS ISO 45001:2018 – Occupational Health and Safety management Systems (OHSMS), Documentation Development Training, 20th – 21st February 2024, Kuala Lumpur
2. ESCAPE MS ISO 39001:2013 – Road Traffic Safety Management Systems (RTSMS), Interpretation and Implementation Training, 7th – 8th March 2024, Kuala Lumpur
3. ESCAPE MS ISO 39001:2013 – RTSMS, Documentation Development, 8th – 9th May 2024, Johor
4. ESCAPE MS ISO 45001:2018 – OHSMS, Internal Auditing Training, 25th – 26th June 2024, Selangor
5. ESCAPE MS ISO 21101:2014 – Adventure Tourism Safety Management Systems (ATSMS), Interpretation and Documentation Development Training, 16th – 18th July 2024, Selangor
6. ESCAPE MS ISO 39001:2013 – RTSMS, Internal Auditing Training, 14th – 15th August 2024, Selangor
7. ESCAPE MS ISO 21101:2014 – ATSMS, Internal Auditing Training, 15th – 17th October 2024, Selangor
8. ESCAPE MS ISO 21101:2014 – ATSMS, Awareness Training (Borneo region), 30th October 2024, Sabah





A key milestone in 2024 was the achievement of 15 successful certifications, reflecting the programme's growing impact on industry compliance. These certifications were awarded to 15 companies across various sectors, including:

- a. 1 company certified in Halal Food
- b. 1 company certified in Halal Cosmetics
- c. 4 companies certified in Occupational Health and Safety Management Systems (OHSMS)
- d. 9 companies certified in Road Traffic Safety Management Systems (RTSMS)

These accomplishments underscore the ESCAPE Programme's role in empowering industries, enhancing safety and quality standards, and preparing businesses for regulatory compliance. As it moves forward, ESCAPE remains committed to equipping industries with the knowledge and expertise needed to thrive in an evolving business landscape.

Empowering Future Talent: JSM's Next-Gen Professional Workshop 2024

In 2024, the Department of Standards Malaysia (JSM) launched the Next-Gen Professional Workshop, an innovative initiative aimed at preparing final-year students for the workforce. Moving beyond its traditional role in promoting standards, JSM designed this groundbreaking programme to equip young professionals with the knowledge and skills needed in an evolving technological landscape. Held on 19th November 2024 at DoubleTree by Hilton Putrajaya Lakeside, the workshop gathered 34 enthusiastic participants, marking a key step toward aligning future talent with national aspirations.



In response to the government's vision for technological advancement, JSM undertook the ambitious challenge of introducing cutting-edge topics to the next generation of professionals. The workshop was centred on the theme "Pioneering Standards and Conformance in Emerging Technologies", underscoring not only the importance of standards and conformance but also the critical role they play in guiding the responsible adoption of transformative technologies such as Artificial Intelligence (AI).



The event opened with an engaging session on the Malaysia National AI Roadmap by Pn. Nik Siti Fadilah Yaacob from the Ministry of Science, Technology, and Innovation (MOSTI). She eloquently outlined the national AI framework, emphasizing ethical considerations in AI development and its role in driving national progress. This was followed by En. Nazri Ahmad Zamani from CyberSecurity Malaysia (CSM), who delivered an insightful presentation on Cybersecurity and AI. Leveraging his expertise in digital security, he provided participants with key insights into AI-related vulnerabilities and risks. His session highlighted the pressing need for strong security measures to safeguard the digital ecosystem.



Recognising participants' limited exposure to standards in emerging technologies, the workshop introduced them to standards development at both national and international levels. Prof. Ts. Dr. Nurfadhlin Mohd Sharef from Universiti Putra Malaysia, a Technical Committee Member on Artificial Intelligence (TC 17), shared her experiences in shaping AI standards in Malaysia and through the International Organization for Standardization (ISO). Her insights offered a behind-the-scenes look at global standards development and encouraged participants to explore opportunities in this dynamic field.

The workshop concluded with a presentation by Pn. Syaza Nazura Noor Azmi from TalentCorp Malaysia, unveiling findings from "The Impact of Artificial Intelligence on the Malaysian Job Market," published just a day earlier on 18th November 2024. The report provided a thought-provoking outlook on how AI is reshaping the job market, equipping participants with valuable foresight into emerging career opportunities.

By the end of the session, participants left with a deeper understanding of standards and conformance in AI and actionable insights to navigate their careers. More than just an event, the Next-Gen Professional Workshop 2024 was a transformative experience, empowering young talent to lead with confidence, adaptability, and a commitment to excellence in the digital era.



2024: A New Chapter in Standards Education Programme

Expanding its reach across various academic tiers, JSM has taken proactive strides in identifying new institutions of higher learning to further the agenda of promoting standards and conformance. In addition to its partnership with Universiti Malaysia Kelantan (UMK), JSM has forged new collaborations with Universiti Putra Malaysia (UPM), International Institute for Halal Research and Training, International Islamic University Malaysia (INHART, IIUM), Universiti Tun Hussein Onn Malaysia (UTHM), and the Advanced Technology Training Centre (ADTEC). These partnerships aim to nurture the next generation of talent equipped with knowledge and skills in standards and conformance.



The tailored programmes have been meticulously crafted to meet the diverse needs of stakeholders. Beyond fostering awareness of the National Quality Infrastructure and the standards development process, each institution brings its unique focus. UMK emphasises Environmental Management Systems, UPM delves deeper into Laboratory Management Systems, while ADTEC and UTHM focus on Quality Management Systems. Meanwhile, INHART IIUM advocates for the advancement of halal standards among its students. Collectively, these initiatives have benefited a total of 355 students through the Standards Education Programme in higher learning institutions in 2024.



In an effort to enhance and modernise the appeal of the Standards Education Programme, Malaysia actively participated in the Education about Standardization (EaS) Network, hosted by the International Organization for Standardization (ISO). Throughout 2024, a series of four knowledge exchange sessions were held, providing an invaluable platform for Malaysia and the other 55 network members to share best practices and innovative approaches. These collaborative efforts aim to make standards education more engaging, relevant, and impactful for all stakeholders involved.



Accreditation Certificate Presentation Ceremonies

Pathology Department, Hospital Kemaman, Terengganu

The MS ISO 15189:2014 accreditation certificate was presented by YBrs. En. Shaharul Sadri Alwi, Director General of JSM, to Dr. Tengku Zaharah Tengku Ibrahim, Head of the Pathology Department, Hospital Kemaman, Terengganu on 16th February 2024.

ABAC Center of Excellence Sdn Bhd

En. Benardos Bingkang, representing the Director General of JSM presented the accreditation certificate to ABAC Center of Excellence Sdn. Bhd., represented by En. Zafar Anjum, Group CEO, for the Anti-Bribery Management System (ABMS) certification programme based on ISO 37001.

The ceremony took place on 28th February 2024 at Hotel Mercure, Putrajaya. ABAC Center of Excellence Sdn. Bhd. is the 7th certification body to receive ABMS accreditation from JSM.

NanoVerify Sdn Bhd

YBrs. En. Shaharul Sadri Alwi, Director General of JSM, presented the accreditation certificate to NanoVerify Sdn Bhd (NVSB) as a certification body accredited by JSM under MS ISO/IEC 17065:2012 on 5th April 2024, for nano product certification.

NVSB was represented by En. Johan Iskandar Hasan, Managing Director of NVSB. Also in attendance were YBhg. Datuk Fadilah Baharin (Chairman of NVSB).

Applied Mechanical Design (AMD) Laboratory, Universiti Teknikal Malaysia Melaka (UTeM)

En. Wan Rukiman Wan Mamat, Director of Accreditation, representing the Director General of JSM, presented the accreditation certificate to the Applied Mechanical Design (AMD) Laboratory of Universiti Teknikal Malaysia Melaka (UTeM) on 22nd November 2024. The certificate was received by YBhg. Datuk Prof. Ts. Dr. Massila Kamalrudin, Vice-Chancellor of UTeM.

The AMD Laboratory is the first laboratory at UTeM to achieve accreditation under Skim Akreditasi Makmal Malaysia (SAMM) based on MS ISO/IEC 17025. Also present were Prof. Dr. Zulkifilie Ibrahim, Deputy Vice-Chancellor (Academic & International), Prof. Ir. Dr. Ghazali Omar, Deputy Vice-Chancellor (Research & Innovation) and Prof. Dr. Mohd Fadzli Abdollah, Dean of the Faculty of Mechanical Engineering Technology.





Forensic Technology Division Laboratory, Malaysian Anti-Corruption Commission (MACC)

YBrs. En. Hussalmizzar Hussain, Senior Director of JSM, presented the accreditation certificate to the Forensic Technology Division Laboratory (BFT) of the Malaysian Anti-Corruption Commission (MACC) to YBhg. Tan Sri Dato' Sri Haji Azam Baki, Chief Commissioner of MACC on 19th December 2024.

The accreditation covers 4 main forensic laboratories under BFT which are Computer Forensics Laboratory, Audio-Video Forensics Laboratory, Mobile Phone Forensics Laboratory and Document Forensics Laboratory. These four laboratories are the first digital forensic laboratories in Malaysia to be accredited by JSM.



Malaysia International Halal Showcase 2024: 20th Edition

JSM participated in the Malaysia International Halal Showcase (MIHAS) 2024 on 17th - 20th September 2024 held at MITEC, Kuala Lumpur. JSM collaborated with Honeygold Enterprise (M) Sdn Bhd. Distinguished visitors to the JSM booth included YB Senator Dato' Setia Dr. Haji Mohd Na'im Haji Mokhtar, Minister in the Prime Minister's Department; YBhg. Datuk Bahria Mohd Tamil, Deputy Secretary-General (Management & Investment), MITI; YBhg. Datuk Mohd Mustafa Abdul Aziz, CEO of MATRADE and Mr. Ihsan Övüt, Secretary General of the Standards and Metrology Institute for Islamic Countries (SMIC).

5th International Fire Conference & Exhibition Malaysia (IFCEM)

JSM participated in the 5th International Fire Conference & Exhibition Malaysia (IFCEM) on 22nd - 24th October 2024 at Kuala Lumpur Convention Centre (KLCC). IFCEM was organised by the Fire and Rescue Department of Malaysia (JBPM) in collaboration with Malaysian Fire Protection Association (MFPA), The Institution of Fire Engineers (UK) Malaysia Branch (IFE), The Society of Fire Protection Engineers (SFPE) and Confederation of Fire Protection Associations International (CFPA-I).





FIGURES AND STATISTICS



Malaysian Standards (MS) Developed by Sectors

Materials and Commodities

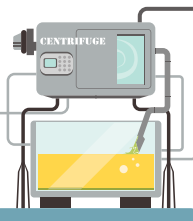
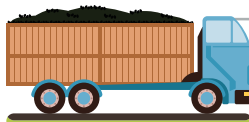
155

NSC 1 - Agriculture



155

NSC 14 - Rubber and Rubber Products

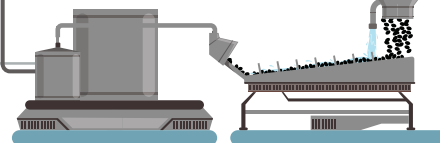


46

NSC 24 - Oil Palm and Its Products

538

NSC 2 - Chemicals and Materials



285

NSC 21 - Food, Food Products and Food Safety

102

NSC 22 - Timber, Timber Products and Timber Structure

Management and Lifestyle

6

NSC 3 - Consumer Interests



24

NSC 9 - Halal



23

NSC 17 - Textiles and Apparels



98

NSC 26 - Environmental Management and Climate Change



16

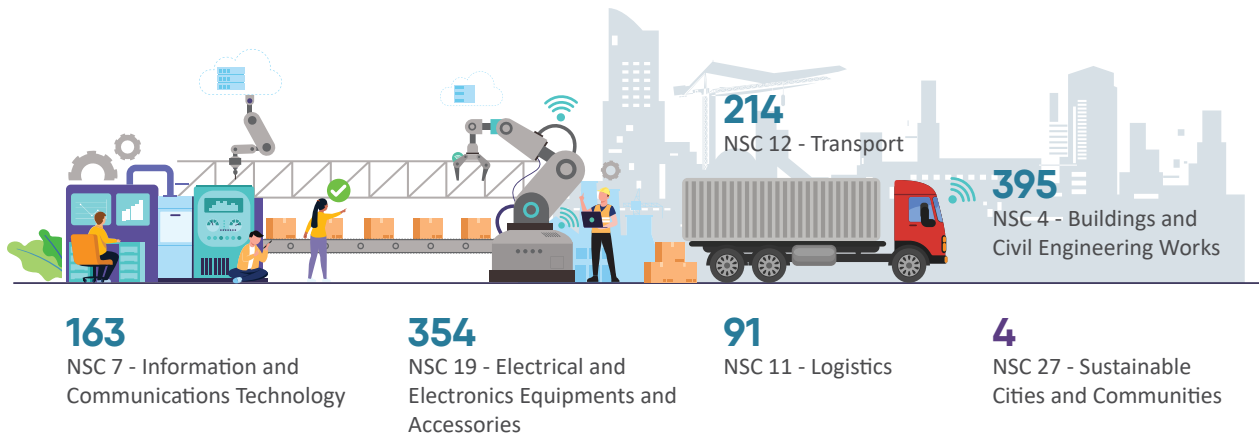
NSC 20 - Tourism and Culture

92

NSC 25 - Quality and Organisational Management



Critical Emerging Technologies (CET)



Safety and Engineering

- 215** NSC 6 - Mechanical Engineering
- 162** NSC 8 - Petroleum and Gas
- 344** NSC 10 - Plastics and Plastic Products
- 103** NSC 13 - Fire Safety
- 235** NSC 16 - Metallic Materials and Semi-Finished Products
- 276** NSC 18 - Medical Devices and Facilities for Healthcare
- 122** NSC 23 - Occupational Safety and Health



48.48%
Alignment to International Standards



43.79%
Identical to International Standards



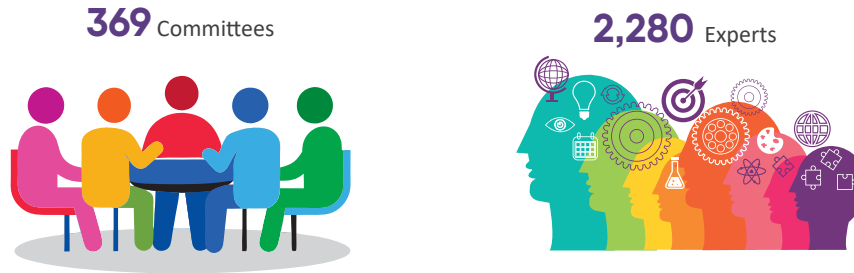
4,668
Cumulative MS Developed



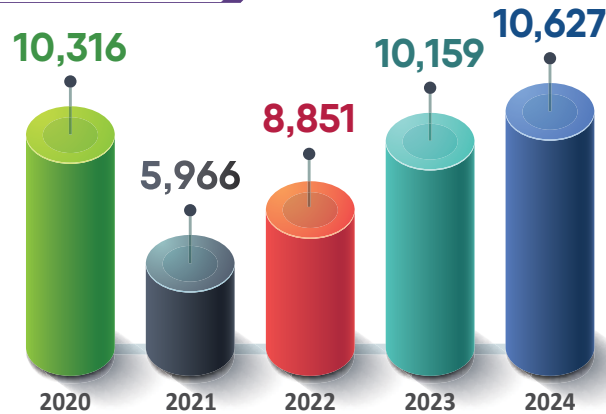
680
Mandatory Standards



Committees (NSCs/TCs/WGs) and Experts in Standardisation



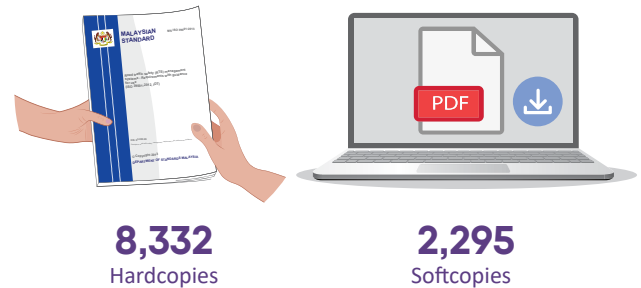
Copies of MS Sold from 2020 to 2024



Copies of MS Sold



Types of MS Sold





Copies of MS Sold to Foreign Buyers by Sectors

MS Titles	Countries																															
	Abu Dhabi	Austria	Bangladesh	Berlin	Brunei	China	Columbia	Czech Republic	Dubai	France	Germany	India	Indonesia	Ireland	Japan	Makkah Province	Mexico	Pakistan	Poland	Qatar	Russia	South Korea	Spain	Sweden	Taiwan	Thailand	Turkey	United Arab Emirates	United Kingdom	Vietnam	Yemen	Sub-Total
NSC 01 - Agriculture	1		1	1	1	4		2		3					2							2		1	1				2	1	22	
NSC 02 - Chemicals And Materials					6							1	3																			11
NSC 03 - Consumer Interest																													1		1	
NSC 04 - Construction, Building and Civil Engineering		8				2	1						2		22						2							2	1		40	
NSC 05 - Generation, Transmission & Distribution Of Energy		1				1								2	1									2					13		20	
NSC 06 - Mechanical Engineering						3									3																6	
NSC 08 - Petroleum & Gas		5													4																9	
NSC 09 - Halal		5							1			2	1		2					1	25		1			1					39	
NSC 10 - Plastics and Plastic Products												1																	2		3	
NSC 12 - Transport						2					2				4				1							1					10	
NSC 13 - Fire Safety													1		32							1							3		37	
NSC 14 - Rubber and Rubber Products																	2														2	
NSC 16 - Metallic Materials & Semi-Finished Products											2		2		1			1				2		2		7	1				18	
NSC 19 - Electrical, Electronic Equipments & Accessories						1									2							5				1		1			10	
NSC 21 - Food, Food Products and Food Safety		2						1		4	2	3	1			1													1		16	
NSC 22 - Timber, Timber Products & Timber Structures					1										2															1	4	
NSC 24 - Oil Palm & Its Products															18							2									26	

Total
274



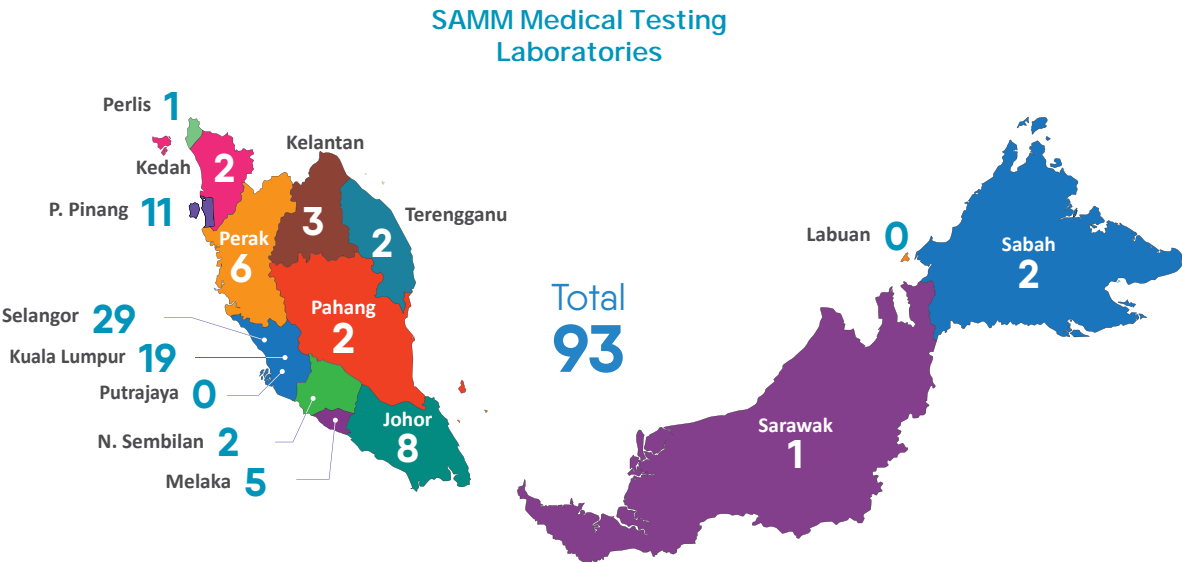
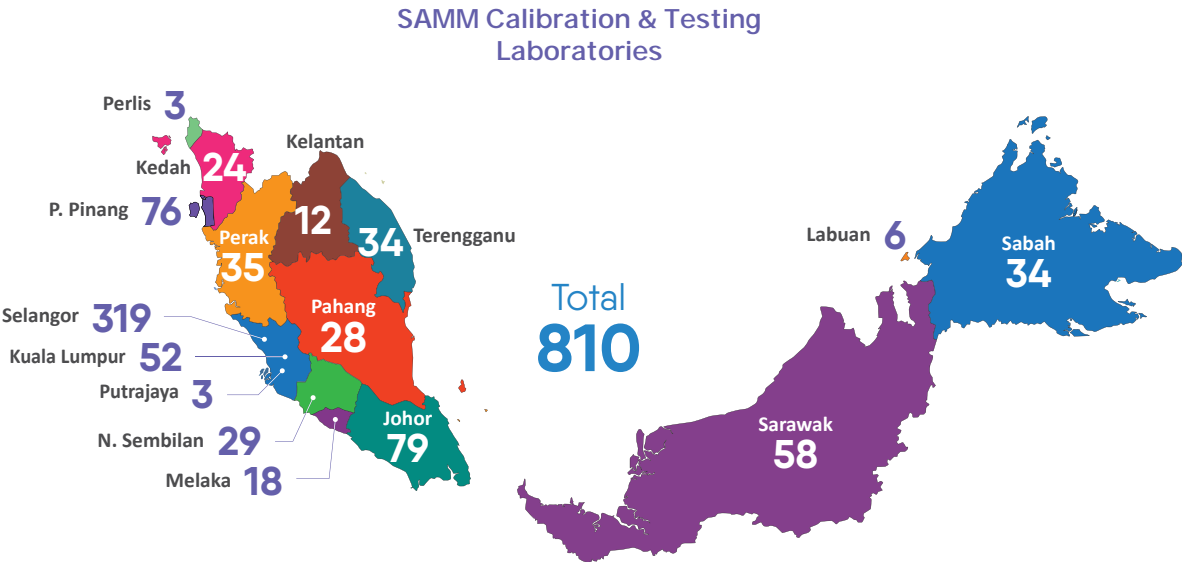
Top 5 of MS Sold by Sectors





Accredited Laboratories by States

FIGURES & STATISTICS - ACCREDITATION





Accredited Laboratories by Programmes



Accredited Laboratories by Fields

SAMM Calibration & Testing Laboratories



Acoustic	6	GMO	8	Radioactivity	9
Biology	168	Hardness	5	Software Testing	4
Chemical	420	Mass	51	Temperature	72
Common Criteria	5	Mechanical	228	Torque	25
Dimesional	57	Microbiology	158	Veterinary	21
Electrical	89	Nucleic Acid	28	Volume	17
EMC	10	Physical	5		
Force	31	Pressure	53		

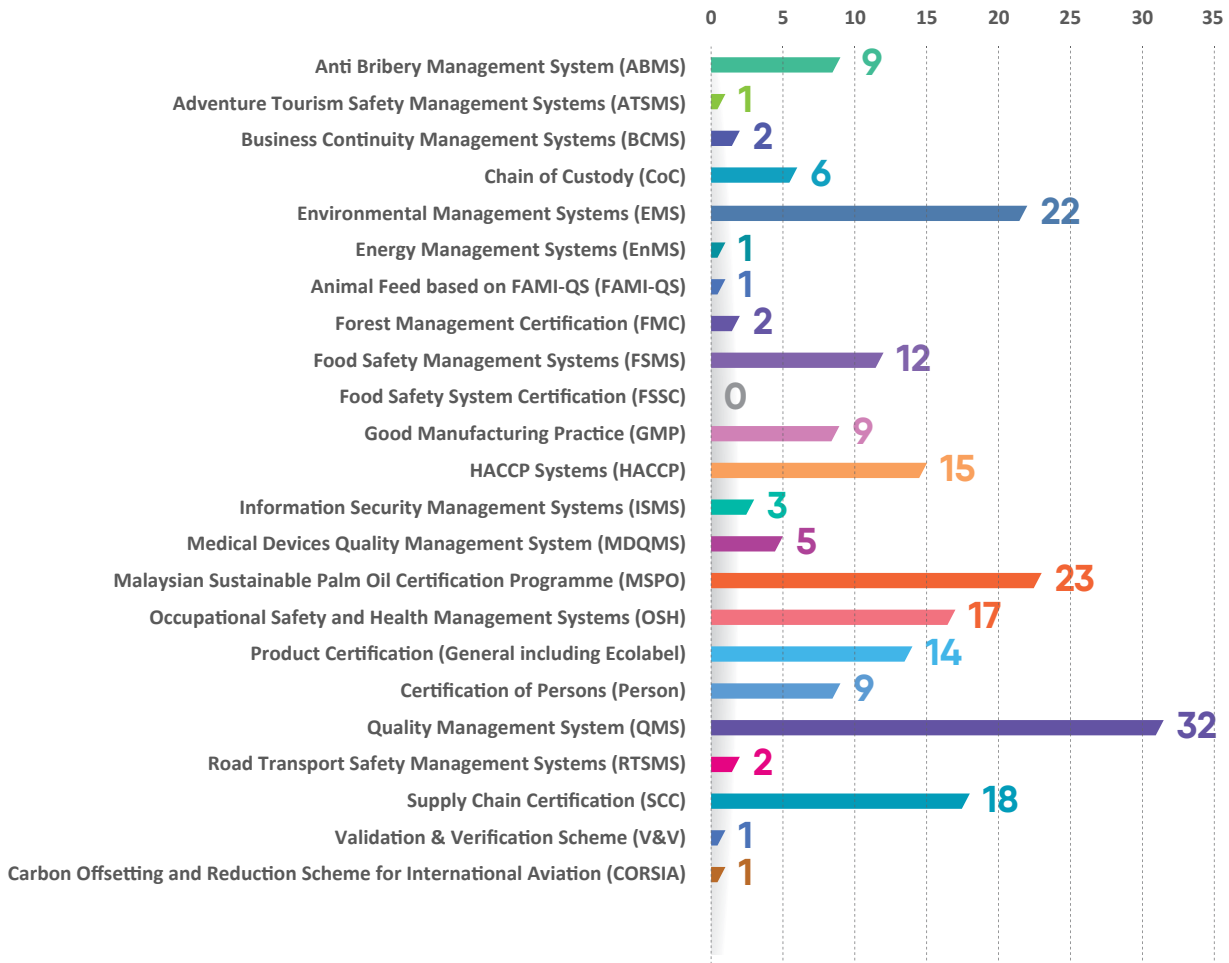
SAMM Medical Testing Laboratories



Chemical Pathology	88
Cytogenetics	7
Cytopathology	29
Haematology	93
Histopathology	32
Medical Microbiology	83
Molecular Genetics	4
Virology	83



Accredited Certification Bodies by Programmes



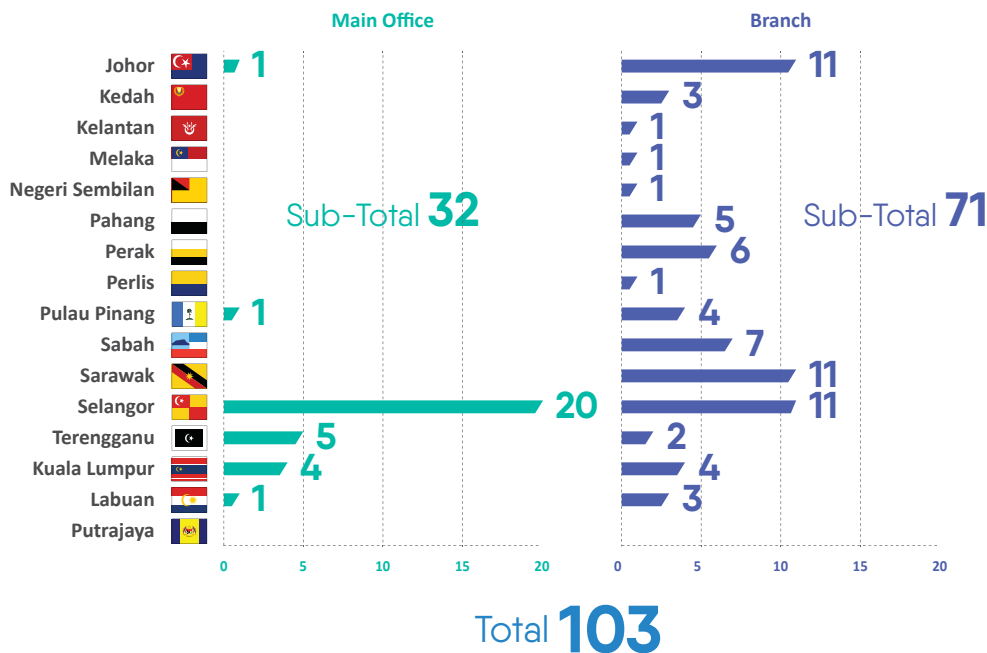
Total
205



Accredited Inspection Bodies by Fields

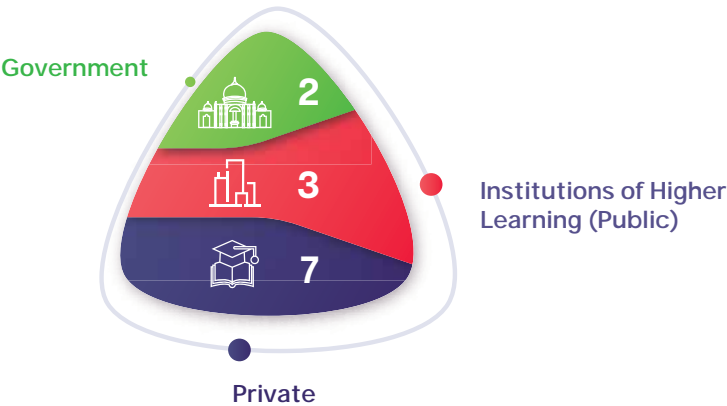


Accredited Inspection Bodies

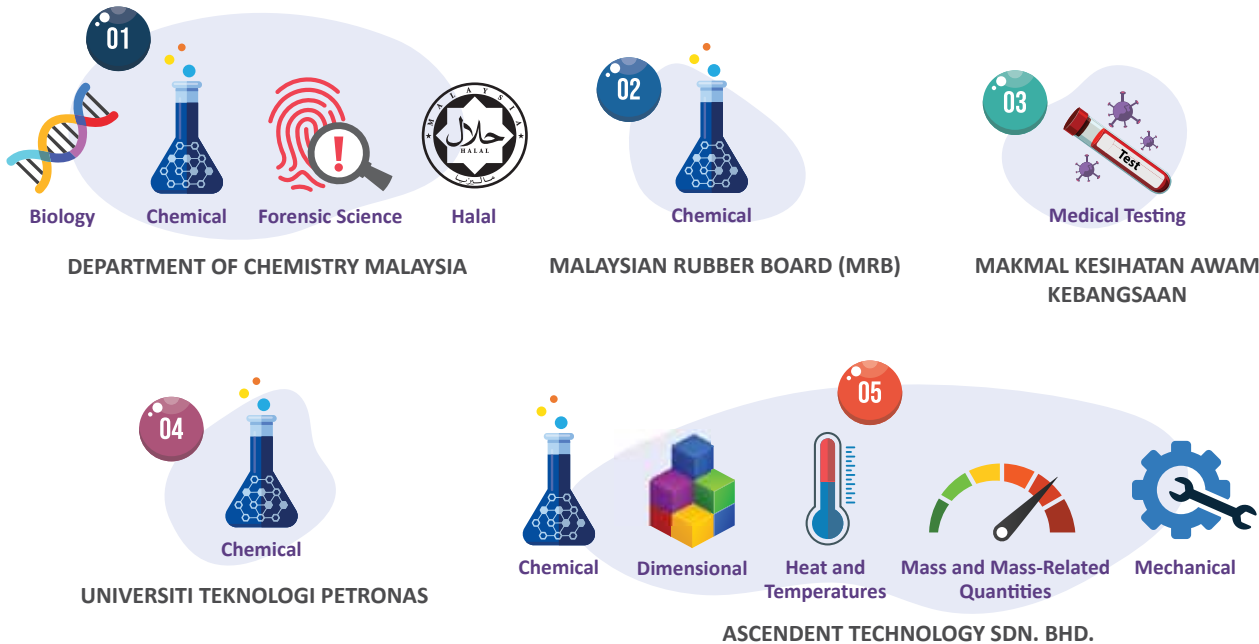




GLP Compliant Test Facilities by Sectors

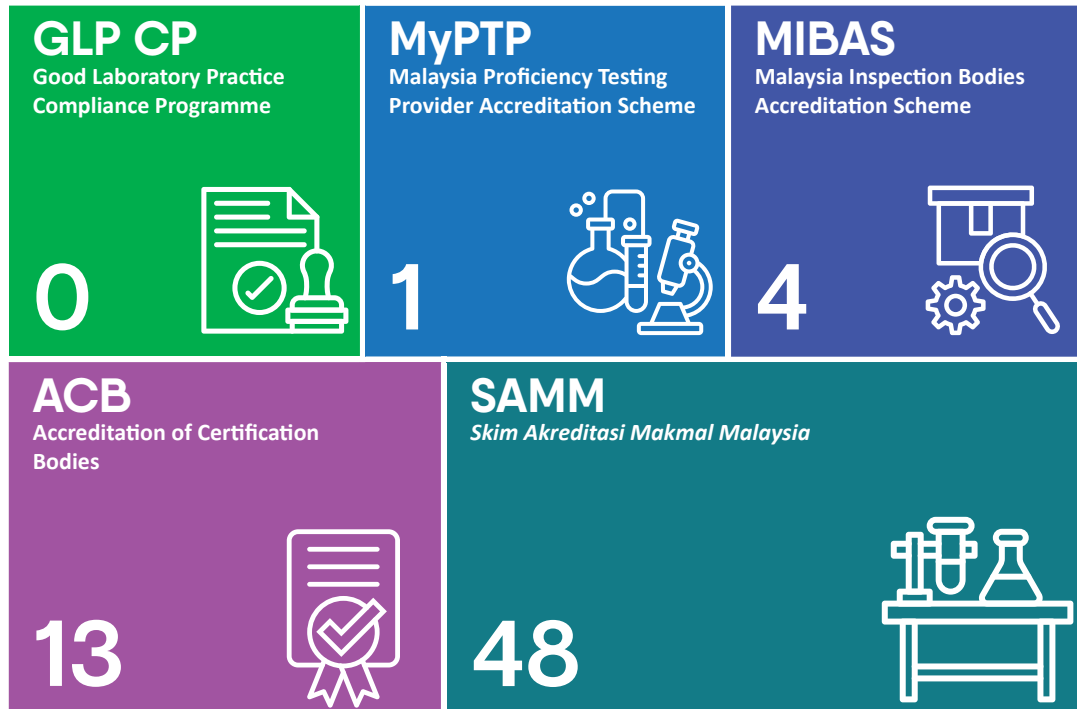


Accredited Proficiency Testing Providers





Number of New Accredited Conformity Assessment Bodies





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