Standards and conformance infrastructure : Malaysia's Experience

How we operate

Role of JPPSM

GOOD REGULATORY PRACTICE

Improvement in the Rule-making Process
Quality Regulatory Management Reviews

Thank You

KEY CHALLENGES AND WAY FORWARD

Who we are

STANDARDS AND CONFORMANCE INFRASTRUCTURE

Harmonisation of regional and international level
ISO
IEC

STANDARDS DEVELOPMENT ACTIVITIES

Important Documents on Best Practice Regulation

APPENDICES

INTRODUCTION TO STANDARDS MALAYSIA

National Standards Development Infrastructure

MS Development Process

Develop Policy and Guidelines for Improving the Quality of Regulations (QRA)

Specified Activities in STANDARD MALAYSIA

Memberships and Credentials Regional and International Recognition

Accreditation Conformity Assessment value chain

KEY CHALLENGES AND WAY FORWARD

MOSTI COMMERCIALISATION YEAR 2014

STI for Wealth Creation

STANDARDS MALAYSIA

Standards and conformance infrastructure : Malaysia's Experience

By

Siti Mariam Mohd Din

Principal Assistant Director

Department of Standards Malaysia

18 March 2014, Thematic Session

WTO TBT

Geneva, Switzerland

INTRODUCTION TO STANDARDS MALAYSIA

Who we are

1. An agency under the purview of the Ministry of Science, Technology & Innovation (MOSTI).

2. Governed by the Standards of Malaysia Act (Act 549) (Amendment) 2012 (Act A1425).

3. The National Standards Body as well as the National Accreditation Body.

STANDARDS MALAYSIA
ACCREDITED LABORATORY

Who we are

1. An agency under the purview of the Ministry of Science, Technology & Innovation (MOSTI).

2. Governed by the Standards of Malaysia Act (Act 549) (Amendment) 2012 (Act A1425).

3. The National Standards Body as well as the National Accreditation Body.

STANDARDS MALAYSIA

MALAYSIAN STANDARD
MAKANAN HALAL
PENGELUARAN,
PENGENDALIAN
GARIS PANDU
(SEMAKAN
MALAYSIAN STANDARD
MS 1500:2004
HALAL FOOD –
PRODUCTION, PREPARATION, HANDLING
AND STORAGE –
GENERAL GUIDELINES
(FIRST REVISION)
ICS: 67.020

STANDARDS
MALAYSIA
ACCREDITED LABORATORY

How we operate

Note:

MyENC: Malaysian Electrotechnical National Committee

MyNSC: Malaysian National Standards Committee

MyNAC: Malaysian National Accreditation Committee

MyNMTAC: Malaysian National Medical Testing Accreditation Committee

MyGLPC: Malaysian Good Laboratory Practice Committee

Building blocks of Malaysia's Standards, Quality Management, Accreditation and Metrology (SQAM) Infrastructure

Building blocks of Malaysia's Standards, Quality Management, Accreditation and Metrology (SQAM) Infrastructure

standards bodies
Accreditation
Demonstration of competence of testing and calibration laboratories, certification bodies and inspection bodies
Quality Management
Demonstration of compliance to standards, best practices to increase productivity
Conformity Assessment
Sampling, inspection, testing, certification
Legal Metrology
Consumer protection, fair weights and measures in trade
Trade & Development
Enable contracts, reduction of variety, ensure interoperability, quality assurance, consumers needs
Technical Regulation
Health, safety, environment, deceptive practice regulation

CONFORMANCE INFRASTRUCTURE

STANDARDS AND CONFORMANCE INFRASTRUCTURE

STANDARDS AND CONFORMANCE INFRASTRUCTURE (Voluntary Sectors)
Determines overall policy; empowers regulators and standards and conformance bodies, monitors performance
Ministries
Ministry of Science, Technology and Innovation
Appoints
Appoints
Ministry of International Trade and Industry
Ministry of Domestic Trade, Co-operatives and Consumerism
Relevant Ministries/ Agencies
Performs functions in standardisation and accreditation for national needs and represent Malaysia in regional and international fora
SQAM Apex bodies
National Mirror Committee WTO TBT
Appoints
National Standards Body
National Accreditation Body
Legal Metrology
Delegated functions on standards development, WTO TBT enquiry and notification point , quality management and productivity and Metrology
Delegated functions
Standards Development Agency
WTO TBT National Enquiry & Notification Point
National Standard Measurement Laboratory
Delegation of functions on Good Regulatory Practice
Malaysia Productivity Corporation
Standards Development Agencies
Ascertain Traceability
Operate commercially; utilised by regulators for mandatory tests, inspections and certification; utilised by industry and commerce for voluntary proof of conformance
Conformity Assessment Bodies
Accredit
Calibration laboratories & Measurement Verification Services
Conformity Assessment Bodies
• Testing & calibration laboratories
• Inspection Bodies
• Certification bodies, product and personnel
End users
Government
Regulators
General Public
Businesses & Industries
Research Institutes

REGULATORY FRAMEWORK (Mandatory sector)

Provide rules to protect public health and safety, the environment, fraud and broader policy objective on social and economy

bodies, monitors performance
Ministries
Ministry of Science, Technology and Innovation
Appoints
Performs functions in standardisation and accreditation for national needs and represent Malaysia in regional and international fora
STANDARDS MALAYSIA
SQAM Apex bodies
National Mirror Committee WTO TBT
Appoints
National Standards Body
National Accreditation Body
Delegated functions on standards development, WTO TBT enquiry and notification point , quality management and productivity and Metrology
SIRIM
Delegated functions
Standards Development Agency
WTO TBT National Enquiry & Notification Point
National Standard Measurement Laboratory
Operate commercially; utilised by regulators for mandatory tests,
Conformity Assessment Bodies
Accredit

STANDARDS DEVELOMENT ACTIVITIES

National Standards Development Infrastructure

STANDARDS MALAYSIA as secretariat at POLICY level

Secretary General MOSTI → Minister of Science, Technology & Innovation

Advisory role

Director General STANDARDS MALAYSIA → Secretary → Malaysian Standards & Accreditation Council (MSAC)

- Malaysia National Standards Committee (MyNSC)
- Malaysia National Electrotechnical Committee (MyENC)
- Malaysia National Accreditation Committee (MyNAC)
- Malaysia National Medical Testing Accreditation Committee (MyNMTAC)
- Malaysia Good Laboratory Practice Committee (MyGLPC)

Standards Development Agencies

1. SIRIM BERHAD
2. Malaysian Timber Industry Board
3. Institut Kimia Malaysia
n. Others

24 Industry Standards Committee (ISC)

Approving Committee

- > 200 Technical Committees >350 Working Groups
- 16 Standards Writing Organisations (SWO)

Drafting Committee

National Standards Development Infrastructure

STANDARDS MALAYSIA as secretariat at POLICY level

Secretary General MOSTI → Minister of Science, Technology & Innovation

Advisory role

Director General STANDARDS MALAYSIA → Secretary → Malaysian Standards & Accreditation Council (MSAC)

- Malaysia National Standards Committee (MyNSC)
- Malaysia National Electrotechnical Committee (MyENC)
- Malaysia National Accreditation Committee (MyNAC)
- Malaysia National Medical Testing Accreditation Committee (MyNMTAC)
- Malaysia Good Laboratory Practice Committee (MyGLPC)

Standards Development Agencies

1. SIRIM BERHAD
2. Malaysian Timber Industry Board
3. Institut Kimia Malaysia

n. Others

Standards Committee (MyNSC)
Electrotechnical Committee (MyENC)
Accreditation Committee (MyNAC)
Medical Testing Accreditation Committee (MyNMTAC)
Standards Development Agencies
1
2
3
n
Others
SIRIM BERHAD
Malaysian Timber Industry Board
Institut Kimia Malaysia
SIRIM
MTIB
INSTITUT KIMIA MALAYSIA
24 Industry Standards Committee (ISC)
Approving Committee
> 200 Technical Committees >350 Working Groups
16 Standards Writing Organisations (SWO)
Drafting Committee

MS Development Process

Implementation :
Since 1 January 2012

Adoption: 4 – 9 months (previous : 9-12 month)

Indigenous: 1 – 1½ Years (previous : 2 ¾ - 3 Years)

STANDARDS MALAYSIA
SQAM Apex bodies
National Mirror Committee WTO TBT
Appoints
National Standards Body
National Accreditation Body
SIRIM
Delegated functions
Standards Development Agency
WTO TBT National Enquiry & Notification Point
National Standard Measurement Laboratory
Delegation
Good Regu
Malaysia Productivity Corporation
Ascertain Traceability
Conformity Assessment Bodies
Accredit
Calibration laboratories & Measurement Verification Services
Conformity Assessment Bodies
• Testing & calibration laboratories
• Inspection Bodies
• Certification bodies, product and personnel

Accreditation schemes in STANDARDS MALAYSIA

Skim Akreditasi Makmal Malaysia (SAMM) – Laboratory Accreditation Scheme of Malaysia

- Testing laboratories (non-medical)
- Calibration laboratories
- Medical testing laboratories

Accreditation of Certification Bodies (ACB) Scheme

- Quality management systems (QMS)
- Environment management systems (EMS)
- Product certification (PC)
- Occupational safety & health (OSH)
- Food safety system based on hazard analysis and critical control point (HACCP)
- Halal
- Information security management system (ISMS
- Forest management certification (FMC)
- Personnel
- Food safety management system (FSMS)
- Software Product Certification (SWPC)

Malaysia Inspection Bodies Accreditation Scheme (MIBAS)

- Agriculture and agricultural products
- Industrial equipment and machinery
- Industrial and commercial construction and maintenance
- Process inspection
- Building construction and maintenance
- Manufactured goods
- Natural resources and refined products

Accreditation Conformity Assessment value chain

Delegation of functions on
Good Regulatory Practice
Malaysia
Productivity
Corporation
Ascertain Traceability

GOOD REGULATORY PRACTICE

Important Documents on Best Practice Regulation

Reference should be made to the government circular on National Policy on the Development and Implementation of Regulations issued by the Chief Secretary to the Government of Malaysia on 15 July 2013 *(Pekeliling Am Bilangan 1 Tahun 2013)*

National Policy on the Development and Implementation of Regulations

Provides a systematic guideline based on best practices adopted from other countries

Best Practice Regulation Handbook

Tool to facilitate the implementation of Best Practice Regulation system and provides detailed guidance for the implementation.

Improvement in the Rule-making Process (Quality Regulatory Management System)

AGC: Attorney-General's Chambers ; R: Rules and Regulations; Proposed new role by NDPC (Secretariat: MPC)

Develop Policy and Guidelines for Ensuring the Quality of Regulations (QRMS)

Creating a registry of regulation

Develop and maintain a system to manage the regulatory process that meets the requirements

Adopt Good Regulatory Principles at the highest government level

PEMUDAH

PEMANDU

Ensure new regulations to be in accordance with the defined process

Mandatory requirement to undertake RIA

Principles of good regulation and effective processes that meet international standards

National Policy on the Development & Implementation of Regulations (NPDIR)

NPDIR

Promotion

- 23 papers presentation on GRP and RIA
- 2 seminars on Seminar on Enhancing Regulatory Quality
- 1 Launching of National Policy on the Development and Implementation of Regulations

Capacity Building

- 2 awareness trainings on RIA for Regulatory Coordinators (RCs)
- 180 RCs from 94 ministries/agencies registered with MPC

Systems, Procedures & Processes

- RIA Helpdesk
- Standard Operating Procedures and Tools
- Assessment Criteria to Review RIS Notification

Publications & Best Practice Repository

- Circular on National Policy on the Development and Implementation of Regulations
- National Policy on the Development and Implementation of Regulations
- Best Practice Regulation Handbook
- Quick Reference Best Practice Regulation Handbook
- Registry of regulation repository
- RIS Portal

MANDATORY STANDARDS IMPEMENTATION COORDINATION COMMITTEE (JPPSM)

Role of JPPSM

To co-ordinate effective implementation in enforcement of mandatory standards and technical regulations by all relevant ministries/agencies;

To recommend to the Government concerning laws, regulatory and administrative actions on enforcement of mandatory standards and related technical regulations;

To ensure that all enforcement of mandatory standards and matters related to technical regulations are in line with national policies and do not contradict Malaysia's commitments in international agreements, and

To promote the implementation of Good Regulatory Practice (GRP) and to facilitate the effective development and implementation of the related technical regulations.

KEY CHALLENGES AND WAY FORWARD

No	Challenges	Way Forward
1	Awareness, acceptance, recognition, mindset change and change management	1. Top down instructions – Government circulars 2. Latch on national initiatives - Economic Trabsformation Programme (ETP) - Strategic Reform Initiatives – Competition, Standards and Liberalisation (SRI-CSL) under Permormance Management Delivery Unit (PEMANDU) e.g National Standards Compliance Programme and Communications Plan

KEY CHALLENGES AND WAY FORWARD

No	Challenges	Way Forward
2	Resources	Smart partnerships with relevant stakeholders such as consumer association, professional bodies, other government agencies and institute of higher learnings to create multiplying effects and cost sharing
3	Effectiveness of awareness and outreach programmes	To increase participation of trade associations and other relevant focal points for multiplying effects

Thank You

Standardisation Division
Department of Standards Malaysia,
Century Square, Level 1 & 2, Block 2300,
Jalan Usahawan, 63000 Cyberjaya,
Selangor
Malaysia

Website : www.jsm.gov.my
E-mail : mariam@jsm.gov.my

APPENDICES

Vision

Accepted by Malaysian, Recognised by the world

Mission

To provide credible standardisation and accreditatiservices to enhance economic, societal and environmental well-being

STANDARDS MALAYSIA

Standardisation at regional and international level

ISO member since 1969

IEC member since 1991

APEC Sub-Committee on Standards and Conformance (APEC SCSC)

World Trade Organisation (WTO) Technical Barriers to Trade (TBT) since 1995

ASEAN Consultative Committee on Standards & Quality (ACCSQ)

Pacific Area Standards Congress (PASC)

Memberships and Credentials
Regional and International Recognition

Regional

- APLAC MRA* – attained signatory status for testing on 14 Nov 02, calibration on 13 Nov 03 and medical testing on 13 Sept 06
- PAC MLA* – attained signatory status for Quality Management System on 5 Nov 98, Environmental Management System on 31 Dec 05, Product Certification 16 June 2009

International

- ILAC MRA* – attained signatory status for testing on 16 Jan 03 and calibration on 19 Nov 03
- IAF MLA* – attained signatory status for Quality Management System on 29 Sept 99 and Environmental Management System on 9th Feb 06, Product Certification 9th July 2009

*MRA/MLA – Mutual Recognition Arrangement or Multilateral Recognition Arrangement

Signatory status maintained until today

Asia Pacific Laboratory Accreditation Cooperation

Pacific Accreditation Cooperation

International Laboratory Accreditation Cooperation

International Accreditation Forum