



ISCW-1/05-N8

ANNUAL REPORT 2004

**INDUSTRY STANDARDS COMMITTEE ON
OCCUPATIONAL HEALTH AND SAFETY (ISC W)**

CONTENTS

	Page
1- Scope	3
2- Term of office	3
3- Composition of membership	3 - 4
4- List of Technical Committee and Working Groups	5
5- Summary of work programme of Technical Committee and Working Group	6 - 10
6- List of Malaysian Standards approved in 2004	11
7- Status of Malaysian participation in ISO/TCs and SCs and total number of Malaysian votes by ISO/TC/SC	12
8- Other administrative issues	13

1. SCOPE

Standardisation in the field of occupational health and safety including management, codes of practice, guidelines and specifications.

2. TERM OF OFFICE

06 March 2003 – 31 December 2005

3. COMPOSITION OF MEMBERSHIP

Chairman Tuan Hj Ir Abu Bakar Che Man
Department of Occupational Safety and Health Malaysia

Secretary Puan Roslina Harun
SIRIM Berhad

	Member organisation	Representative
1	Business Council Sustainable Development Malaysia	Dato' Ghazali Dato' Yusoff
2	Chemical Industries Council of Malaysia	En. Yeoh Keat Chye
3	Construction Industry Development Board Malaysia	Ir. M. Ramuseren
4	Department of Agriculture	Puan Nursiah Mohd. Tajol Aros
5	Department of Environment, Malaysia	Pn. Siti Zaleha Ibrahim
6	Department of Occupational Safety and Health Malaysia	En. Omar Mat Piah
7	Department of Standards Malaysia	En. Noradniazman Abd Aziz
8	Federation of Malaysian Manufacturers	En. Wong Soo Kan
9	Jabatan Bomba dan Penyelamat, Malaysia	En. Ahmad Izram Osman
10	Jabatan Kimia Malaysia	En. S. Raja
11	Jabatan Mineral dan Geosains	En. Mohd Zaim Ab Wahab
12	Lloyd's Register Technical Services Sdn. Bhd.	Ir. Hj. Ahmad Nordeen Salleh
13	Malaysian Employers Federation	En. Anis Fahmy Pauzi
14	Malaysian Institute for Nuclear Technology Research	En. Mohd. Yusof Ibrahim/Dr Hj. Idris Besar
15	Malaysian International Chamber of Commerce and Industry	Pn. Zuraidah Mohd. Kamal
16	Malaysian Society of Occupational Safety and Health	Pengarah Eksekutif
17	Malaysian Trade Union Congress	En. K. Nadasapillay

18	Ministry of Health Malaysia	Dr. Hanizah Mohd Yusoff
19	Ministry of International Trade and Industry	En. Muhd. Razman Abu Samah
20	National Institute of Occupational Safety and Health	Pn. Hj. Maimunah Khalid
21	SIRIM QAS International Sdn. Bhd.	Pn. NorAfiza Saim
22	Small and Medium Industries Development Corporation	En. Wee Ton Wang
23	Suruhanjaya Tenaga	Ir. Hj. Yaakub Bachik
24	The Institution of Engineers, Malaysia	Ir. Hussein Rahmat
25	Universiti Kebangsaan Malaysia	Prof. Dr. Ismail Bahari

4. LIST OF TECHNICAL COMMITTEE AND WORKING GROUP
(as of 31 December 2004)

- 4.1 TC on Safety of Machinery
- 4.2 TC on Personal Safety - Protective Clothing and Equipment for Occupational Use
 - 4.2.1 WG on Life Jacket
- 4.3 TC on Ergonomics
- 4.4 TC on Safety in Laboratories
- 4.5 WG on Wood Working Machinery at MTIB -SWO
- 4.6 TC on Safe System of Work and Practices in Occupational Setting at DOSH -SWO

5. SUMMARY OF WORK PROGRAMME OF TECHNICAL COMMITTEE AND WORKING GROUP

5.1 TC on Safety of Machinery

Chairman: Encik Abdul Malek Omar
FMM

Secretary: Pn. Roslina Harun

No. of meetings held and Dates of meeting	4 meetings : 16 March 04, 6 April 04, 20 April 04, 21 Oct 04	
No. of NWIP approved by ISC in 2004	9	
No. of FDMS accepted by ISC in 2004	11	
Active project in WP as at Dec 04	Title of project	Stage at the end of Dec 2004
	04W008R0 Safety of machinery - Basic concepts, general principles for design - Part 1: Basic terminology, methodology (ISO 12100-1:2003, IDT)	50.40
	04W009R0 Safety of machinery - Basic concepts, general principles for design - Part 2: Technical principles (ISO 12100-2:2003, IDT)	50.40
	04W010R0 Safety of machinery - Prevention of unexpected start-up (ISO 14118:2000, IDT)	50.40
	04W011R0 Safety of machinery - Interlocking devices associated with guards - Principles for design and selection (ISO 14119:1998, IDT)	50.40
	04W012R0 Safety of machinery - Guards - General requirements for the design and construction of fixed and movable guards (ISO 14120:2002, IDT)	50.40
	04W013R0 Safety of machinery - Safety-related parts of control systems - Part 2: Validation (ISO 13849 -2:2003, IDT)	50.40
	04W014R0 Safety of machinery - Hygiene requirements for the design of machinery (ISO 14159:2002, IDT)	50.40
	04W016R0 Safety of machinery - Two-hand control devices - functional aspects and design principles (ISO 13851:2002, IDT)	50.40
	Safety of machinery - Safety-related parts of control systems - Guidelines for the use and application of MS ISO 13849 -1 (ISO/TR 13849-100:2000)	30.20

5.2 TC on Personal Safety - Protective Clothing and Equipment for Occupational Use

Chairman: En. Abdul Kahar Husin
DOSH

Secretary: Pn. Lee Hooi Lan

No. of meetings held and Dates of meeting	8 meetings: 19/2/04, 23/3/04, 20/4/04, 20/5/04, 17/6/04, 5/8/04, 9/9/04, 10/10/04	
No. of NWI approved by ISC in 2004	-	
No. of FDMS accepted by ISC in 2004	4	
Active project in WP as at Dec 04	Title of project	Stage at the end of Dec 2004
	Personal fall arrest systems – Part 4: Vertical rails and vertical lifelines incorporating a sliding-type fall arrester	50.40
	Personal fall arrest systems – Part 5: Connectors with self-closing and self-locking gates	50.40
	Personal fall arrest systems – Part 6 : System Performance tests	50.40
	Protective clothing for firefighters - Laboratory test methods and performance requirements for protective clothing with a reflective outer surface	50.40
	Protective glove for firefighters - Laboratory test methods and performance requirements	50.40
	Protective clothing for firefighters - Laboratory test methods and performance requirements.	50.40
	Protective clothing - Protection against gaseous and liquid chemical- Determination of resistance of protective clothing to penetration by liquids and gases.	30.20
	Protective clothing - Protection against heat and flame - Method of test for limited flame spread.	30.20
	Protective clothing –General requirements	30.20
	Protective clothing for abrasive blasting operations using granular abrasive	30.20
	Protective clothing against heat and flame - Determination of heat transmission on exposure to flame.	30.20
	Clothing for protection against heat and flame - Test methods and performance requirements for heat -protective clothing.	30.20
	Clothing for protection against heat and flame - Determination of contact heat transmission through protective clothing or constituent materials.	30.20

5.3 TC on Ergonomics

Chairman: Prof Madya Dr. Evelyn Tan
USM

Secretary: Pn. Maziah Mukhtar

No. of meetings held and Dates of meeting	1 meeting: 10 March 2004	
No. of NWI approved by ISC in 2004	7	
No. of FDMS accepted by ISC in 2004	8	
Active project in WP as at Dec 04	Title of project	Stage at the end of Dec 2004
	Ergonomic requirements for office work with visual display terminals (VDTs) - Part 1: General introduction (Total adoption of ISO 9241 -1: 1997)	50.40
	Ergonomic requirements for office work with visual display terminals (VDTs) - Part 2: Guidance on task requirements (Total adoption of ISO 9241 -2: 1992)	50.40
	Ergonomic requirements for office work with visual display terminals (VDTs) - Part 3: Visual display requirements (Total adoption of ISO 9241 -3: 1992)	50.40
	Ergonomic requirements for office work with visual display terminals (VDTs) - Part 4: Keyboard requirements (Total adoption of ISO 9241 -4: 1998)	50.40
	Ergonomic requirements for office work with visual display terminals (VDTs) - Part 5: Workstation layout and postural requirements (Total adoption of ISO 9241 -5: 1998)	50.40
	Ergonomic requirements for office work with visual display terminals (VDTs) - Part 6: Guidance on the work environment (Total adoption of ISO 9241 -6: 1999)	50.40
	Ergonomic requirements for office work with visual display terminals (VDTs) - Part 7: Requirements for display with reflections (Total adoption of ISO 9241 -7: 1998)	50.40

5.4 TC on Safety in Laboratories

Chairman: En. Chee Ong Koh
IKM

Secretary: Pn. Fazilah Hassan

No. of meetings held and Dates of meeting	2 meetings: 30/3/04 and 29/6/04	
No. of NWI approved by ISC in 2004	-	
No. of FDMS accepted by ISC in 2004	-	
Active project in WP as at Dec 04	Title of project	Stage at the end of Dec 2004
	Safety in laboratories - Code of practice - Part 1: General (First Revision of MS 1042: Part 1:1986)	30.20

5.5 WG on Life Jacket

Chairman: En. Mohd Radzuan Yusof
Petronas Carigali Sdn. Bhd.

Secretary: Pn. Lee Hooi Lan

No. of meetings held and Dates of meeting	2 meetings: 3/6/04, 11/8/04	
No. of NWI approved by ISC in 2004	6	
No. of FDMS accepted by ISC in 2004	-	
Active project in WP as at Dec 04	Title of project	Stage at the end of Dec 2004
	Lifejackets and personal buoyancy aids - Buoyancy aids - 50 N - Specification	20.20
	Lifejackets and personal buoyancy aids - Lifejacket 100 N - Specification	20.20
	Lifejackets and personal buoyancy aids - Lifejacket 150 N - Specification	20.20
	Lifejackets and personal buoyancy aids - Lifejacket 275 N - Specification	20.20
	Lifejackets and personal aids - Additional Items - Specification	20.20
	Industry safety belts - Specification	20.20

5.6 TC on Safe System of Work and Practices in Occupational Setting (TC at DOSH)

Chairman: Ir. Mohtar Musri
DOSH

Secretary: Pn. Rabaayah Daud
DOSH

No. of meetings held and Dates of meeting	2 meetings: 25/10/04, 8/12/04	
No. of NWI approved by ISC in 2004	1	
No. of FDMS accepted by ISC in 2004	1	
Active project in WP as at Dec 04	Title of project	Stage at the end of Dec 2004
	Classification and computation of indicator occupational accident	20.00
	Safety signages	20.00
	Occupational safety and health management system - Specification	30.20

5.7 WG on Woodworking Machinery (WG at MTIB)

Chairman: En. Aziz Shamsudin
Jab. Perhutanan Semenanjung Malaysia

Secretary: En. Mohd Yusoff Ismail/Pn. Norliwati
MTIB

No. of meetings held and Dates of meeting	-	
No. of NWI approved by ISC in 2004	-	
No. of FDMS accepted by ISC in 2004	-	
Active project in WP as at Dec 04	Title of project	Stage at the end of Dec 2004
	Code of practice for guarding and safe use of wood-working machinery	30.20

6. LIST OF MALAYSIAN STANDARDS APPROVED IN 2004Approved on 8 January 2004

1. MS 1731:2004
High-visibility warning clothing
2. MS 1732: Part 3:2004
Acoustics – Hearing protectors: Part 3: Simplified method for the measurement of insertion loss of ear-muff type protectors for quality inspection purposes
3. MS 1732: Part 4:2004
Acoustics – Hearing protectors: Part 4: Measurement of effective sound pressure levels for level-dependent sound-restoration ear muffs

Approved on 5 May 2004

4. MS ISO 4869-1:2004
Acoustics – Hearing protectors: Part 1: Subjective method for the measurement of sound attenuation
5. MS ISO 4869-2:2004
Acoustics – Hearing protectors: Part 2: Estimation of effective A-weighted sound pressure levels when hearing protectors are worn

Approved on 26 May 2004

6. MS ISO 14122-1:2004
Safety of machinery - Permanent means of access to machinery - Part 1: Choice of fixed means of access between two levels
7. MS ISO 14123-1:2004
Safety of machinery - Reduction of risks to health from hazardous substances emitted by machinery - Part 1: Principles and specifications for machinery manufacturers
8. MS ISO 14121:2004
Safety of machinery - Principles of risk assessment
9. MS ISO 13855:2004
Safety of machinery - Positioning of protective equipment with respect to the approach speeds of parts of the human body
10. MS ISO 13688:2004
Protective clothing – General requirements

Approved on 28 June 2004

11. MS ISO 14738:2004
Safety of machinery - Anthropometric requirements for the design of workstations at machinery

7. STATUS OF MALAYSIAN PARTICIPATION IN ISO/TCs AND SCs AND TOTAL NUMBER OF MALAYSIAN VOTES SUBMITTED IN 2004

ISO Committee	Status	Related TC under ISC W	Total no. of documents voted in 2004
ISO/TC 199 Safety of Machinery	P	TC on Safety of Machinery	ISO/NWIP: 3 ISO/WD: - ISO/CD: 1 ISO/DIS: 5 ISO/FDIS: -
ISO/TC 159 Ergonomics	P	TC on Ergonomics	ISO/NWIP: - ISO/WD: - ISO/CD: - ISO/DIS: - ISO/FDIS: -
ISO/TC 159/SC 1 Ergonomic guiding principles	P		ISO/NWIP: - ISO/WD: - ISO/CD: - ISO/DIS: 1 ISO/FDIS: 1
ISO/TC 159/SC 3 Anthropometry and biomechanics	P		ISO/NWIP: - ISO/WD: - ISO/CD: 1 ISO/DIS: - ISO/FDIS: -
ISO/TC 159/SC 4 Ergonomics of human-system interaction	P		ISO/NWIP: 8 ISO/WD: - ISO/CD: 2 ISO/DIS: 3 ISO/FDIS: 1
ISO/TC 159/SC 5 Ergonomics of the physical environment	P		ISO/NWIP: - ISO/WD: - ISO/CD: 3 ISO/DIS: 3 ISO/FDIS: 3
ISO/TC 194 Personal Safety - Protective Clothing and Equipment	P	TC on Personal Safety - Protective Clothing and Equipment for Occupational Use	ISO/NWIP: - ISO/WD: - ISO/CD: - ISO/DIS: - ISO/FDIS: -

8. OTHER ADMINISTRATIVE ISSUE

8.1 MS to be transferred to or from another ISC

The ISC agreed at its meeting on 7 October 2004 that the development of Malaysian Standards related to safety helmet and safety footwear be put under the TC on Personal Safety - Protective Clothing and Equipment for Occupational Use since the scope are more relevant for the TC and the subjects are under the general occupational safety equipment.

The proposal to transfer it under ISC W would be tabled to the relevant ISCs i.e. ISC C (safety footwear) and ISC F (safety helmet) for their consideration.