

STD 091/6/23

1 November 2018

**ULASAN UMUM BAGI DRAF *MALYSIAN STANDARDS* YANG SEDANG
DIBANGUNKAN, BAGI TEMPOH 1 NOVEMBER 2018 HINGGA 31 DISEMBER 2018**

Dengan segala hormatnya perkara di atas adalah dirujuk.

Bersama-sama ini disertakan senarai draf *Malaysian Standards* (MS) yang sedang dibangunkan seperti di **Lampiran A** dan senarai *Malaysian Standard* yang disyorkan untuk ditarik balik tanpa gantian seperti di **Lampiran B** untuk ulasan umum.

Draf-draf *Malaysian Standards* tersebut adalah mengenai pelbagai barangan, proses-proses dan tatasusila amalan dalam pelbagai bidang industri yang dibangunkan di bawah Jawatankuasa Standard Perindustrian (ISC) di SIRIM STS Sdn Bhd. Jadual pecahan jumlah draf-draf *Malaysian Standards* tersebut mengikut ISC disertakan di lampiran.

Penyediaan draf-draf *Malaysian Standards* tersebut telah dibuat oleh jawatankuasa berkaitan yang ditubuhkan di SIRIM STS Sdn Bhd yang diwakili oleh pihak industri, kementerian, agensi-agensi kerajaan, institusi pengajian tinggi dan orang perseorangan yang pakar dalam bidang berkenaan. Sehubungan dengan itu, pihak SIRIM STS Sdn Bhd mengalu-alukan sebarang ulasan ke atas draf-draf *Malaysian Standards* tersebut.

Bagi mereka yang bukan ahli bagi mana-mana ISC, draf-draf *Malaysian Standards* yang diterima pakai (*adopted*) dari standard ISO/IEC, ASTM dan EN boleh diperolehi (dalam bentuk *hard copy* sahaja) dengan bayaran seperti tertera. Bayaran boleh dibuat secara tunai/cek dengan tambahan 10% bagi bayaran pos kepada SIRIM STS Sdn Bhd. Tuan/puan juga boleh membeli draf *Malaysian Standards* tersebut dengan datang sendiri ke Kaunter Jualan Standard, Bangunan 1, SIRIM STS Sdn Bhd; atau boleh menyemak secara percuma di Seksyen Pembangunan Standard, Tingkat 1, Bangunan 3, SIRIM STS Sdn Bhd. Selain daripada draf *Malaysian Standards* yang diterima pakai (*adopted*), draf *Malaysian Standards* untuk ulasan umum boleh dimuat turun tanpa bayaran dari halaman yang tertera di bawah.

Draf-draf untuk ulasan umum boleh diperolehi daripada:

SIRIM STS Sdn Bhd
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Dimaklumkan juga bahawa draf-draf *Malaysian Standards* tersebut masih dalam peringkat penyediaan dan tertakluk kepada pindaan dan bukan digunakan untuk rujukan rasmi sebagai *Malaysian Standards*. Memandangkan draf-draf tersebut juga adalah **hakcipta organisasi-organisasi** yang berkenaan seperti Jabatan Standard Malaysia, ISO/IEC, ASTM dan CEN, tuan/puan adalah **dilarang** daripada membuat salinan dan mengedarkannya kepada pihak lain.

Semua ulasan hendaklah sampai ke SIRIM STS Sdn Bhd selewat-lewatnya pada:

31 DISEMBER 2018

Kami juga berharap untuk mendapat kerjasama daripada pihak tuan/puan agar dapat membuat pautan laman sesawang organisasi tuan/puan kepada laman sesawang kami di <http://www.smsonline.gov.my/> bagi tujuan pemberitahuan kepada ahli pertubuhan dan organisasi tuan/puan.

Kerjasama serta sokongan tuan/puan dalam perkara ini diharap akan dapat memajukan lagi aktiviti-aktiviti standardisasi negara kita.

Sekian terima kasih.

Yang ikhlas,

Majiah Mukhtar

Ketua
Seksyen Pembangunan Standard
Jabatan Standard
SIRIM STS Sdn Bhd

s.k. Pengurus Besar Kanan
 Jabatan Standard
 SIRIM STS Sdn Bhd

**JADUAL BAGI JUMLAH DRAF *MALAYSIAN STANDARDS* YANG SEDANG DIBANGUNKAN UNTUK
ULASAN UMUM BAGI TEMPOH 1 NOVEMBER 2018 HINGGA 31 DISEMBER 2018**

KOD ISC	TAJUK ISC	BIL. DRAF <i>MALAYSIAN STANDARDS</i> YANG SEDANG DIBANGUNKAN	BIL. DRAF PINDAAN KE ATAS <i>MALAYSIAN STANDARDS</i> YANG TELAH DITERBITKAN
A	Pertanian		
D	Bangunan, Pembinaan dan Kejuruteraan Awam	3	
E	Penjanaan, Transmisi dan Pengagihan Tenaga		
F	Kejuruteraan Mekanikal		
G	Teknologi Maklumat, Komunikasi dan Multimedia		
H	Petroleum dan Gas		
K	Pembungkusan dan Logistik		
L	Kenderaan Jalan		
M	Pencegahan dan Keselamatan Kebakaran	4	
N	Getah dan Barangan Getah		
P	Bahan Logam dan Barangan Separuh Siap		
Q	Tekstil dan Pakaian	1	
R	Peralatan Perubatan dan Kemudahan untuk Penjagaan Kesihatan		
S	Peralatan dan Aksesori Elektrik dan Elektronik		
T	Pelancongan, Pameran dan Perkhidmatan Mesra		
U	Makanan , Produk Makanan dan Keselamatan Makanan		
W	Keselamatan dan Kesihatan Pekerjaan		
Y	Pengurusan Kualiti dan Penentuan Kualiti		
Z	Pengurusan Alam Sekitar		
	Jumlah	8	0

**LIST OF DRAFT MALAYSIAN STANDARDS FOR PUBLIC COMMENT :
01/11/2018 - 31/12/2018**

ISC D : Building, Construction and Civil Engineering

1. 17D001R3 Energy efficiency and use of renewable energy for non-residential buildings - Code of practice (Third revision)
2. 17D015R2 Guide to modular coordination in buildings - Part 3: Coordinating sizes for stairs and stair openings (Second revision)
3. 17D016R1 Guide to modular coordination in buildings - Part 8: Coordinating sizes for masonry units (First revision)

ISC M : Fire Safety

1. 18M001R2
(RM 20.00) Gaseous fire-extinguishing systems - Physical properties and system design - Part 12: IG-01 Extinguishant (Second revision)(ISO 14520-12:2015, IDT)
2. 18M003R2
(RM 20.00) Gaseous fire-extinguishing systems - Physical properties and system design - Part 13: IG-100 Extinguishant (Second revision)(ISO 14520-13:2015, IDT)
3. 18M004R2
(RM 20.00) Gaseous fire-extinguishing systems - Physical properties and system design - Part 14: IG-55 Extinguishant (Second revision)(ISO 14520-14:2015, IDT)
4. 18M005R2
(RM 20.00) Gaseous fire-extinguishing systems - Physical properties and system design - Part 15: IG-541 Extinguishant (Second revision)(ISO 14520-15:2015, IDT)

ISC Q : Textiles and Apparels

1. 17Q004R0 Tekstil - Tenunan Malaysia - Bahagian 4: Tenun Dastar dan Tenun Rungus

LAMPIRAN B**LIST OF MALAYSIAN STANDARDS PROPOSED FOR WITHDRAWAL
(WITH NO REPLACEMENT) FOR PUBLIC COMMENT: 01/11/2018 - 31/12/2018**

No.	MS no.	MS title	ISC	ISC approval date	Reason
1	MS ISO 19135:2007	GEOGRAPHIC INFORMATION - PROCEDURES FOR ITEM REGISTRATION (ISO 19135:2005, IDT)	G	26/04/2018	On 13/3/2017, TC on Geographic Information/ Geomatics (TC/G/2) agreed to withdraw MS ISO 19135:2007 (WWR) because of no sales record and direct use latest ISO 19135-1:2015 for update on technical contents.
2	MS 1901: PART 1:2006	MALAYSIAN ELECTRONIC PASSPORT - PART 1: PHYSICAL CHARACTERISTIC	G	27/05/2016	During the TC on Identification Cards and Related Devices (TC/G/9) meeting on 26/4/2016, the committee agreed to withdraw (without replacement) based on the following reasons: a) The technical contents of the standards had already changed; and b) The committee agreed stakeholders to directly refer to International Civil Aviation Organization (ICAO) standards related to e-passport.
3	MS 1901: PART 2:2006	MALAYSIAN ELECTRONIC PASSPORT - PART 2: RADIO FREQUENCY POWER AND SIGNAL INTERFACE	G	27/05/2016	During the TC on Identification Cards and Related Devices (TC/G/9) meeting on 26/4/2016, the committee agreed to withdraw (without replacement) based on the following reasons: a) The technical contents of the standards had already changed; and b) The committee agreed stakeholders to directly refer to International Civil Aviation Organization (ICAO) standards related to e-passport.
4	MS 1901: PART 3:2006	MALAYSIAN ELECTRONIC PASSPORT - PART 3: INITIALISATION	G	27/05/2016	During the TC on Identification Cards and Related Devices (TC/G/9) meeting on 26/4/2016, the committee agreed to withdraw (without replacement) based on the following reasons: a) The technical contents of the standards had already changed; and b) The committee agreed stakeholders to directly

					refer to International Civil Aviation Organization (ICAO) standards related to e-passport.
5	MS 1901: PART 4:2006	MALAYSIAN ELECTRONIC PASSPORT - PART 4: TRANSMISSION PROTOCOL	G	27/05/2016	<p>During the TC on Identification Cards and Related Devices (TC/G/9) meeting on 26/4/2016, the committee agreed to withdraw (without replacement) based on the following reasons:</p> <p>a) The technical contents of the standards had already changed; and</p> <p>b) The committee agreed stakeholders to directly refer to International Civil Aviation Organization (ICAO) standards related to e-passport.</p>
6	MS 1901: PART 5:2007	MALAYSIAN ELECTRONIC PASSPORT - PART 5: GUIDELINES FOR LOGICAL DATA STRUCTURE	G	27/05/2016	<p>During the TC on Identification Cards and Related Devices (TC/G/9) meeting on 26/4/2016, the committee agreed to withdraw (without replacement) based on the following reasons:</p> <p>a) The technical contents of the standards had already changed; and</p> <p>b) The committee agreed stakeholders to directly refer to International Civil Aviation Organization (ICAO) standards related to e-passport.</p>
7	MS 1901: PART 6:2006	MALAYSIAN ELECTRONIC PASSPORT - PART 6: BIOMETRICS	G	27/05/2016	<p>During the TC on Identification Cards and Related Devices (TC/G/9) meeting on 26/4/2016, the committee agreed to withdraw (without replacement) based on the following reasons:</p> <p>a) The technical contents of the standards had already changed; and</p> <p>b) The committee agreed stakeholders to directly refer to International Civil Aviation Organization (ICAO) standards related to e-passport.</p>
8	MS 1901: PART 7:2007	MALAYSIAN ELECTRONIC PASSPORT - PART 7: GUIDELINES FOR SECURITY INFRASTRUCTURE	G	27/05/2016	<p>During the TC on Identification Cards and Related Devices (TC/G/9) meeting on 26/4/2016, the committee agreed to withdraw (without replacement) based on the following reasons:</p>

					<p>a) The technical contents of the standards had already changed; and</p> <p>b) The committee agreed stakeholders to directly refer to International Civil Aviation Organization (ICAO) standards related to e-passport.</p>
9	MS 1901: PART 8:2006	MALAYSIAN ELECTRONIC PASSPORT - PART 8: TEST METHODS	G	27/05/2016	<p>During the TC on Identification Cards and Related Devices (TC/G/9) meeting on 26/4/2016, the committee agreed to withdraw (without replacement) based on the following reasons:</p> <p>a) The technical contents of the standards had already changed; and</p> <p>b) The committee agreed stakeholders to directly refer to International Civil Aviation Organization (ICAO) standards related to e-passport.</p>
10	MS 1844:2005	TEST METHOD FOR WATER VAPOR CONTENT OF GASEOUS FUELS USING ELECTRONIC MOISTURE ANALYZERS	H	22/09/2016	Direct use of ASTM standard
11	MS 1867:2009	TEST METHOD FOR SULFUR IN PETROLEUM GAS BY OXIDATIVE MICROCOULOMETRY (FIRST REVISION)	H	22/09/2016	Direct use of ASTM standard
12	MS ISO 6326-3:1997 (CONFIRMED:2012)	NATURAL GAS - DETERMINATION OF SULFUR COMPOUNDS - PART 3: DETERMINATION OF HYDROGEN SULFIDE, MERCAPTAN SULFUR AND CARBONYL SULFIDE SULFUR BY POTENTIOMETRY (ISO 6326-3:1989, IDT)	H	22/09/2016	Direct use of ISO standard
13	MS 2063:2008	TEST METHOD FOR HYDROGEN SULFIDE IN LIQUEFIED PETROLEUM (LP) GASES (LEAD ACETATE METHOD)	H	04/05/2016	The committee agreed due to there was no sales since MS publication and limited user in that area
14	MS 2066:2008	TEST METHOD FOR DETERMINATION OF TOTAL VOLATILE SULFUR IN GASEOUS HYDROCARBONS AND LIQUEFIED PETROLEUM GASES BY ULTRAVIOLET FLUORESCENCE	H	04/05/2016	The committee agreed due to there was no sales since MS publication and limited user in that area
15	MS 2044:2007	STANDARD PRACTICE FOR CALCULATION OF	H	04/05/2016	The committee agreed due to there was no sales since MS

		CERTAIN PHYSICAL PROPERTIES OF LIQUEFIED PETROLEUM (LP) GASES FROM COMPOSITIONAL ANALYSIS			publication and limited user in that area
16	MS ISO 5167-1:2005 (CONFIRMED 2011)	MEASUREMENT OF FLUID FLOW BY MEANS OF PRESSURE DIFFERENTIAL DEVICES INSERTED IN CIRCULAR CROSS-SECTION CONDUITS RUNNING FULL - PART 1: GENERAL PRINCIPLES AND REQUIREMENTS (ISO 5167-1:2003, IDT)	H	04/05/2016	Committee agreed to direct use ISO. Existing PPGUA and PTS refer to ISO standard
17	MS ISO 5167-2:2005 (CONFIRMED 2011)	MEASUREMENT OF FLUID FLOW BY MEANS OF PRESSURE DIFFERENTIAL DEVICES INSERTED IN CIRCULAR CROSS-SECTION CONDUITS RUNNING FULL - PART 2: ORIFICE PLATES (ISO 5167-2:2003, IDT)	H	04/05/2016	Committee agreed to direct use ISO. Existing PPGUA and PTS refer to ISO standard
18	MS ISO 5167-3:2005 (CONFIRMED 2011)	MEASUREMENT OF FLUID FLOW BY MEANS OF PRESSURE DIFFERENTIAL DEVICES INSERTED IN CIRCULAR CROSS-SECTION CONDUITS RUNNING FULL - PART 3: NOZZLES AND VENTURI NOZZLES (ISO 5167-3:2003, IDT)	H	04/05/2016	Committee agreed to direct use ISO. Existing PPGUA and PTS refer to ISO standard
19	MS ISO 5167-4:2005 (CONFIRMED 2011)	MEASUREMENT OF FLUID FLOW BY MEANS OF PRESSURE DIFFERENTIAL DEVICES INSERTED IN CIRCULAR CROSS-SECTION CONDUITS RUNNING FULL - PART 4: VENTURI TUBES (ISO 5167-4:2003, IDT)	H	04/05/2016	Committee agreed to direct use ISO. Existing PPGUA and PTS refer to ISO standard
20	MS ISO 7507-1:2005 (CONFIRMED 2011)	PETROLEUM AND LIQUID PETROLEUM PRODUCTS - CALIBRATION OF VERTICAL CYLINDRICAL TANKS - PART 1: STRAPPING METHOD (ISO 7507-1:2003, IDT)	H	04/05/2016	Direct use ISO
21	MS ISO 7507-2:2005 (CONFIRMED 2011)	PETROLEUM AND LIQUID PETROLEUM PRODUCTS - CALIBRATION OF VERTICAL CYLINDRICAL TANKS - PART 2: OPTICAL REFERENCE LINE METHOD (ISO 7507-2:1993, IDT)	H	04/05/2016	Direct use ISO
22	MS ISO 13736:2003	PETROLEUM PRODUCTS AND OTHER LIQUIDS - DETERMINATION OF	H	22/09/2016	The committee agreed due to out of scope of the committee. The aviation fuel should be managed separately as it

		FLASH POINT - ABEL CLOSED CUP METHOD (FIRST REVISION) (ISO 13736:1997, IDT)			governed by UK Ministry of Defense, ASTM and AFQRJOS (Aviation Fuel Quality Requirements for Joint Operating System). Companies that wish to supply aviation fuel to the airlines must meet the said standards.
23	MS 846:1983	METHOD FOR BURNING TEST (24 HOUR) FOR KEROSENE	H	22/09/2016	The committee agreed due to out of scope of the committee. The aviation fuel should be managed separately as it governed by UK Ministry of Defense, ASTM and AFQRJOS (Aviation Fuel Quality Requirements for Joint Operating System). Companies that wish to supply aviation fuel to the airlines must meet the said standards.
24	MS 117:1998	SPECIFICATION FOR KEROSENE (FIRST REVISION)	H	22/09/2016	The committee agreed due to out of scope of the committee. The aviation fuel should be managed separately as it governed by UK Ministry of Defense, ASTM and AFQRJOS (Aviation Fuel Quality Requirements for Joint Operating System). Companies that wish to supply aviation fuel to the airlines must meet the said standards.
25	MS 781:2005	METHOD OF SAMPLING PETROLEUM AND PETROLEUM PRODUCTS (FIRST REVISION)	H	22/09/2016	The committee agreed due to industry currently direct use ASTM D 4057
26	MS 122:1998	SPECIFICATION FOR FUEL OILS FOR USE IN ENGINES AND BURNING EQUIPMENT (SECOND REVISION)	H	22/09/2016	The committee agreed due to industry is using ISO 8217 as referred specification for fuel oil. MS 122 is not applicable.
27	MS 961:2008	TEST METHOD FOR WATER AND SEDIMENT IN FUEL OILS BY THE CENTRIFUGE METHOD (LABORATORY PROCEDURE) (FIRST REVISION)	H	22/09/2016	The committee agreed due to industry currently direct use ASTM D1796.
28	MS 910:2008	TEST METHOD FOR MOTOR OCTANE NUMBER OF SPARK-IGNITION ENGINE FUEL (FIRST REVISION)	H	22/09/2016	The committee agreed due to industry currently direct use ASTM D2700.
29	MS 380:1983	SPECIFICATION FOR STEAM TURBINE OILS (FIRST REVISION)	H	22/09/2016	The base standard was withdrawn with no replacement.
30	MS 381:1983	SPECIFICATION FOR STRAIGHT MINERAL LUBRICATING OILS (FIRST REVISION)	H	22/09/2016	The base standard was withdrawn and there was no user from the industry.

31	MS 572:1996	METHOD OF TEST FOR DUCTILITY OF BITUMINOUS MATERIALS (FIRST REVISION)	H	01/12/2016	The base standard was withdrawn with no replacement.
32	MS ISO 26866:2012	ROAD VEHICLES - BRAKE LINING FRICTION MATERIALS - STANDARD WEAR TEST PROCEDURE FOR COMMERCIAL VEHICLES WITH AIR BRAKES (ISO 26866:2009, IDT)	L	06/09/2016	Direct used
33	MS ISO 26867:2012	ROAD VEHICLES - BRAKE LINING FRICTION MATERIALS - FRICTION BEHAVIOUR ASSESSMENT FOR AUTOMOTIVE BRAKE SYSTEMS (ISO 26867:2009, IDT)	L	06/09/2016	Direct used
34	MS 1024:1986	SPECIFICATION FOR WHEEL NUTS FOR PASSENGER VEHICLES	L	06/09/2016	The MS had no longer being use and referred by industry
35	MS ISO 3583:2011	ROAD VEHICLES - PRESSURE TEST CONNECTION FOR COMPRESSED-AIR PNEUMATIC BRAKING EQUIPMENT (ISO 3583:1984, IDT)	L	06/09/2016	Direct used
36	MS ISO 9128:2011	ROAD VEHICLES - GRAPHICAL SYMBOLS TO DESIGNATE BRAKE FLUID TYPES (ISO 9128:2006, IDT)	L	06/09/2016	Direct used
37	MS ISO 21069-1:2011	ROAD VEHICLES - TEST OF BRAKING SYSTEMS ON VEHICLES WITH A MAXIMUM AUTHORISED TOTAL MASS OF OVER 3.5 T USING A ROLLER BRAKE TESTER PART 1: PNEUMATIC BRAKING SYSTEMS (FIRST REVISION) (ISO 21069-1:2004, IDT)	L	06/09/2016	Direct used
38	MS ISO 20918:2010	ROAD VEHICLES - BRAKING THRESHOLD PRESSURES FOR HEAVY COMMERCIAL VEHICLE COMBINATIONS WITH FULLY PNEUMATIC BRAKING SYSTEMS - TEST WITH ROLLER BRAKE TESTER (ISO 20918:2007, IDT)	L	06/09/2016	Direct used
39	MS ISO 12161:2009	ROAD VEHICLES - ENDURANCE BRAKING SYSTEMS OF MOTOR VEHICLES AND TOWED VEHICLES - TEST PROCEDURES (ISO 12161:2006, IDT)	L	06/09/2016	Direct used

40	MS ISO 4929:2009	ROAD VEHICLES - DIAPHRAGM GASKETS FOR HYDRAULIC BRAKE MASTER CYLINDER RESERVOIRS USING A NON-PETROLEUM BASE HYDRAULIC BRAKE FLUID (ISO 4929:1978, IDT)	L	06/09/2016	Direct used
41	MS ISO 6119:2008	ROAD VEHICLES - ELASTOMERIC SEALS FOR HYDRAULIC DISC BRAKE CYLINDERS USING A NON-PETROLEUM BASE HYDRAULIC BRAKE FLUID (SERVICE TEMPERATURE 120 °C MAX.) (ISO 6119:2006, IDT)	L	06/09/2016	Direct used
42	MS ISO 4927:2006	ROAD VEHICLES - ELASTOMERIC BOOTS FOR CYLINDERS FOR DRUM TYPE HYDRAULIC BRAKE WHEEL CYLINDERS USING A NON-PETROLEUM BASE HYDRAULIC BRAKE FLUID (SERVICE TEMPERATURE 120 °C MAX) (ISO 4927:2005, IDT)	L	06/09/2016	Direct used
43	MS ISO 6120:2005	ROAD VEHICLES - BRAKE HOSE ASSEMBLIES FOR HYDRAULIC BRAKING SYSTEMS USED WITH PETROLEUM-BASE BRAKE FLUID (ISO 6120:1995, IDT)	L	06/09/2016	Direct used
44	MS ISO 4038:2005	ROAD VEHICLES - HYDRAULIC BRAKING SYSTEMS - SIMPLE FLARE PIPES, TAPPED HOLES, MALE FITTINGS AND HOSE END FITTINGS (ISO 4038:1996, IDT)	L	06/09/2016	Direct used
45	MS ISO 3996:2005	ROAD VEHICLES - BRAKE HOSE ASSEMBLIES FOR HYDRAULIC BRAKING SYSTEMS USED WITH NON-PETROLEUM-BASE BRAKE FLUID (ISO 3996:1995, IDT)	L	06/09/2016	Direct used
46	MS ISO 6118:2008	ROAD VEHICLES - ELASTOMERIC CUPS AND SEALS FOR CYLINDERS FOR HYDRAULIC BRAKING SYSTEMS USING A NON-PETROLEUM BASE HYDRAULIC BRAKE FLUID (SERVICE TEMPERATURE 70 °C MAX.) (ISO 6118:2006, IDT)	L	06/09/2016	Direct used
47	MS ISO 15484:2011	ROAD VEHICLES - BRAKE LINING FRICTION MATERIALS - PRODUCT DEFINITION AND QUALITY ASSURANCE (ISO 15484:2008, IDT)	L	06/09/2016	Direct used

48	MS ISO 6597:2007	ROAD VEHICLES - HYDRAULIC BRAKING SYSTEMS, INCLUDING THOSE WITH ELECTRONIC CONTROL FUNCTIONS, FOR MOTOR VEHICLES - TEST PROCEDURES (ISO 6597:2005, IDT)	L	06/09/2016	Direct used
49	MS 2016:2006	ROAD VEHICLES - FUEL TANK - PREVENTION OF FIRE RISKS	L	06/09/2016	The MS had no longer being use and referred by industry.
50	MS ISO 11157:2006	ROAD VEHICLES - BRAKE LINING ASSEMBLIES - INERTIA DYNAMOMETER TEST METHOD FIRST REVISION (ISO 11157:2005, IDT)	L	06/09/2016	Direct used
51	MS ISO 6117:2006	ROAD VEHICLES - ELASTOMERIC BOOTS FOR DRUM-TYPE, HYDRAULIC BRAKE WHEEL CYLINDERS USING A NON-PETROLEUM BASE HYDRAULIC BRAKE FLUID (SERVICE TEMPERATURE 100 °C MAX.) (ISO 6117:2005, IDT)	L	06/09/2016	Direct used
52	MS 1915:2006	ROAD VEHICLES - NOISE EMISSIONS FOR MOTOR VEHICLES HAVING AT LEAST FOUR WHEELS - SPECIFICATION	L	06/09/2016	The MS had no longer being use and referred by industry.
53	MS ISO 3930:2010	INSTRUMENTS FOR MEASURING VEHICLE EXHAUST EMISSIONS (FIRST REVISION) (ISO 3930:2000, AMD. 1:2004, IDT)	L	06/09/2016	Direct used
54	MS 1864:2007	REQUIREMENTS FOR THE APPROVAL OF VEHICLES WITH REGARD TO THE EMISSION OF POLLUTANTS ACCORDING TO ENGINE FUEL REQUIREMENTS	L	06/09/2016	The MS had no longer being use and referred by industry.
55	MS 1847:2007	REQUIREMENTS FOR COMPRESSION IGNITION (C.I.) AND NATURAL GAS (N.G.) ENGINES AS WELL AS POSITIVE-IGNITION (P.I.) ENGINES FUELLED WITH LPG AND VEHICLES EQUIPPED WITH C.I. AND N.G ENGINES AND P.I. ENGINES FUELLED WITH LPG, WITH REGARD TO THE EMISSIONS OF POLLUTANTS BY THE ENGINE	L	06/09/2016	The MS had no longer being use and referred by industry.
56	MS 1868:2005	OPACIMETERS - SPECIFICATION AND CORRELATION BETWEEN	L	06/09/2016	The MS had no longer being use and referred by industry.

		HSU AND OTHER DIESEL SMOKE MEASURING UNITS			
57	MS 594:2010	ROAD VEHICLES - RESTRAINING DEVICES FOR CHILD OCCUPANTS OF POWER-DRIVEN VEHICLES - SPECIFICATION (SECOND REVISION)	L	06/09/2016	The MS had no longer being use and referred by industry.
58	MS 1853:2005 (CONFIRMED:2012)	ROAD VEHICLES - THE BEHAVIOUR OF THE STRUCTURE OF THE IMPACTED VEHICLE IN A REAR-END COLLISION - SPECIFICATION	L	06/09/2016	The MS had no longer being use and referred by industry.
59	MS 1884:2005 (CONFIRMED:2012)	ROAD VEHICLES - PROTECTION OF THE DRIVER AGAINST THE STEERING MECHANISM IN THE EVENT OF IMPACT - SPECIFICATION	L	06/09/2016	The MS had no longer being use and referred by industry.
60	MS ISO 12097-1:2008	ROAD VEHICLES - AIRBAG COMPONENTS - PART 1: VOCABULARY (ISO 12097-1:2002, IDT)	L	06/09/2016	Direct used
61	MS ISO 12097-2:2008	ROAD VEHICLES - AIRBAG COMPONENTS - PART 2: TESTING OF AIRBAG MODULES (ISO 12097-2:1996, IDT)	L	06/09/2016	Direct used
62	MS ISO 12097-3:2008	ROAD VEHICLES - AIRBAG COMPONENTS - PART 3: TESTING OF INFLATOR ASSEMBLIES (ISO 12097-3:2002; IDT)	L	06/09/2016	Direct used
63	MS 493:1977 (Previously numbered as MS 6.22:1977)	VOCABULARY RELATING TO CONTROLS, INDICATORS AND TELL-TALES OF MOTOR VEHICLES (EXCLUDING MOTOR CYCLES)	L	06/09/2016	The MS had no longer being use and referred by industry.
64	MS 1824:2005	ROAD VEHICLES - EXTERNAL PROJECTIONS FOR M1 VEHICLES - GENERAL REQUIREMENTS	L	06/09/2016	The MS had no longer being use and referred by industry.
65	MS 1942:2007	ROAD VEHICLES - INTERIOR FITTINGS	L	06/09/2016	The MS had no longer being use and referred by industry.
66	MS ISO 4552-1:2003	FERROALLOYS - SAMPLING AND SAMPLE PREPARATION FOR CHEMICAL ANALYSIS - PART 1: FERROCHROMIUM, FERROSILICOCHROMIUM, FERROSILICON, FERROSILICOMANGANESE, FERROMANGANESE	P	21/10/2016	Direct use of ISO standard

		(FIRST REVISION) (ISO 4552-1:1987, IDT)			
67	MS ISO 9682-2:2011	IRON ORES - DETERMINATION OF MANGANESE CONTENT - PART 2: PERIODATE SPECTROPHOTOMETRIC METHOD (FIRST REVISION) (ISO 9682-2:2009, IDT)	P	21/10/2016	Direct use of ISO standard
68	MS ISO 4689-2:2011	IRON ORES - DETERMINATION OF SULFUR CONTENT - PART 2: COMBUSTION/TITRATION METHOD (FIRST REVISION) (ISO 4689-2:2004, IDT)	P	21/10/2016	Direct use of ISO standard
69	MS ISO 3886:2004	IRON ORES - DETERMINATION OF MANGANESE CONTENT - PERIODATE SPECTROPHOTOMETRIC METHOD (ISO 3886:1986, IDT)	P	21/10/2016	Direct use of ISO standard
70	MS ISO 3738-2:2001	ROCK WELL HARDNESS TEST (SCALE A) - PART 2: PREPARATION AND CALIBRATION OF STANDARD TEST BLOCKS	P	21/10/2016	Direct use of ISO
71	MS ISO 7500-2:2005	METALLIC MATERIALS - VERIFICATION OF STATIC UNIAXIAL TESTING MACHINES - PART 2: TENSION CREEP TESTING MACHINES - VERIFICATION OF THE APPLIED LOAD (ISO 7500-2:1996, IDT)	P	21/10/2016	Direct use of ISO
72	MS 1964:2007	INVESTMENT CASTINGS (STEEL, NICKEL ALLOYS AND COBALT ALLOYS) - GENERAL TECHNICAL REQUIREMENTS (ISO 16468:2005, MOD)	P	21/10/2016	This standard has been revised by ISO 16468:2015, Investment castings (steel, nickel alloys and cobalt alloys) - General technical requirements
73	MS 2354:2010	CORROSION-RESISTANT HIGH SILICON IRON CASTINGS - SPECIFICATION	P	21/10/2016	The committee agreed to withdrawal with no replacement due to there was no sales since MS publication and limited user in that area
74	MS ISO 1833-1:2010	TEXTILES - QUANTITATIVE CHEMICAL ANALYSIS - PART 1: GENERAL PRINCIPLES OF TESTING (FIRST REVISION) (ISO 1833-1:2006, IDT)	Q	11/05/2017	Direct use of ISO standard
75	MS ISO 1833-2:2010	TEXTILES - QUANTITATIVE CHEMICAL ANALYSIS - PART 2: TERNARY FIBRE MIXTURES (FFRST	Q	11/05/2017	Direct use of ISO standard

		REVISION) (ISO 1833-2:2006, IDT)			
76	MS ISO 1833-3:2010	TEXTILES - QUANTITATIVE CHEMICAL ANALYSIS - PART 3: MIXTURES OF ACETATE AND CERTAIN OTHER FIBRES (METHOD USING ACETONE) (FIRST REVISION) (ISO 1833-3:2006, IDT)	Q	11/05/2017	Direct use of ISO standard
77	MS ISO 1833-4:2010	TEXTILES - QUANTITATIVE CHEMICAL ANALYSIS - PART 4: MIXTURES OF CERTAIN PROTEIN AND CERTAIN OTHER FIBRES (METHOD USING HYPOCHLORITE) (FIRST REVISION) (ISO 1833-4:2006, IDT)	Q	11/05/2017	Direct use of ISO standard
78	MS ISO 1833-5:2010	TEXTILES - QUANTITATIVE CHEMICAL ANALYSIS - PART 5: MIXTURES OF VISCOSE, CUPRO OR MODAL AND COTTON FIBRES (METHOD USING SODIUM ZINATE) (FIRST REVISION) (ISO 1833-5:2006, IDT)	Q	11/05/2017	Direct use of ISO standard
79	MS ISO 1833-6:2010	TEXTILES - QUANTITATIVE CHEMICAL ANALYSIS - PART 6: MIXTURES OF VISCOSE OR CERTAIN TYPES OF CUPRO OR MODAL OR LYOCELL AND COTTON FIBRES (METHOD USING FORMIC ACID AND ZINC CHLORIDE) (FIRST REVISION) (ISO 1833-6:2007, IDT)	Q	11/05/2017	Direct use of ISO standard
80	MS ISO 1833-7:2010	TEXTILES - QUANTITATIVE CHEMICAL ANALYSIS - PART 7: MIXTURES OF POLYAMIDE AND CERTAIN OTHER FIBRES (METHOD USING FORMIC ACID) (FIRST REVISION) (ISO 1833-7:2006, IDT)	Q	11/05/2017	Direct use of ISO standard
81	MS ISO 1833-8:2010	TEXTILES - QUANTITATIVE CHEMICAL ANALYSIS - PART 8: MIXTURES OF ACETATE AND TRIACETATE FIBRES (METHOD USING ACETONE) (FIRST REVISION) (ISO 1833-8:2006, IDT)	Q	11/05/2017	Direct use of ISO standard
82	MS ISO 1833-9:2010	TEXTILES - QUANTITATIVE CHEMICAL ANALYSIS - PART 9: MIXTURES OF ACETATE AND TRIACETATE FIBRES (METHOD USING BENZYL	Q	11/05/2017	Direct use of ISO standard

		ALCOHOL) (FIRST REVISION) (ISO 1833-9:2006, IDT)			
83	MS ISO 1833-10:2011	TEXTILES - QUANTITATIVE CHEMICAL ANALYSIS - PART 10: MIXTURES OF TRIACETATE OR POLYLACTIDE AND CERTAIN OTHER FIBRES (METHOD USING DICHLOROMETHANE) (FIRST REVISION) (ISO 1833-10:2006, IDT)	Q	11/05/2017	Direct use of ISO standard
84	MS ISO 1833-11 :2011	TEXTILES - QUANTITATIVE CHEMICAL ANALYSIS - PART 11: MIXTURES OF CELLULOSE AND POLYESTER FIBRES (METHOD USING SULFURIC ACID) (FIRST REVISION) (ISO 1833-11:2006, IDT)	Q	11/05/2017	Direct use of ISO standard
85	MS ISO 1833-12:2011	TEXTILES - QUANTITATIVE CHEMICAL ANALYSIS - PART 12: MIXTURES OF ACRYLIC, CERTAIN MODACRYLICS, CERTAIN CHLOROFIBRES, CERTAIN ELASTANES AND CERTAIN OTHER FIBRES (METHOD USING DIMETHYLFORMAMIDE) (FIRST REVISION) (ISO 1833-12:2006, IDT)	Q	11/05/2017	Direct use of ISO standard
86	MS ISO 1833-13:2011	TEXTILES - QUANTITATIVE CHEMICAL ANALYSIS - PART 13: MIXTURES OF CERTAIN CHLOROFIBRES AND CERTAIN OTHER FIBRES (METHOD USING CARBON DISULFIDE/ACETONE) (FIRST REVISION) (ISO 1833-13:2006, IDT)	Q	11/05/2017	Direct use of ISO standard
87	MS ISO 1833-14:2011	TEXTILES - QUANTITATIVE CHEMICAL ANALYSIS - PART 14: MIXTURES OF ACETATE AND CERTAIN CHLOROFIBRES (METHOD USING ACETIC ACID) (FIRST REVISION) (ISO 1833-14:2006, IDT)	Q	11/05/2017	Direct use of ISO standard
88	MS ISO 1833-15:2011	TEXTILES - QUANTITATIVE CHEMICAL ANALYSIS - PART 15: MIXTURES OF JUTE AND CERTAIN ANIMAL FIBRES (METHOD BY DETERMINING NITROGEN CONTENT) (FIRST REVISION) (ISO 1833-15:2006, IDT)	Q	11/05/2017	Direct use of ISO standard
89	MS ISO 1833-16:2011	TEXTILES - QUANTITATIVE CHEMICAL ANALYSIS -	Q	11/05/2017	Direct use of ISO standard

		PART 16: MIXTURES OF POLYPROPYLENE FIBRES AND CERTAIN OTHER FIBRES (METHOD USING XYLENE) (FIRST REVISION) (ISO 1833-16:2006, IDT)			
90	MS ISO 1833-17:2011	TEXTILES - QUANTITATIVE CHEMICAL ANALYSIS - PART 17: MIXTURES OF CHLOROFIBRES (HOMOPOLYMERS OF VINYL CHLORIDE) AND CERTAIN OTHER FIBRES (METHOD USING SULFURIC ACID) (FIRST REVISION) (ISO 1833-17:2006, IDT)	Q	11/05/2017	Direct use of ISO standard
91	MS ISO 1833-18:2012	TEXTILES - QUANTITATIVE CHEMICAL ANALYSIS - PART 18: MIXTURES OF SILK AND WOOL OR HAIR (METHOD USING SULPHURIC ACID) (FIRST REVISION) (ISO 1833-18:2006, IDT)	Q	11/05/2017	Direct use of ISO standard
92	MS ISO 1833-19:2012	TEXTILES - QUANTITATIVE CHEMICAL ANALYSIS - PART 19: MIXTURES OF CELLULOSE FIBRES AND ASBESTOS (METHOD BY HEATING) (FIRST REVISION) (ISO 1833-19:2006, IDT)	Q	11/05/2017	Direct use of ISO standard
93	MS ISO 1833-20:2012	TEXTILES - QUANTITATIVE CHEMICAL ANALYSIS - PART 20: MIXTURES OF ELASTANE AND CERTAIN OTHER FIBRES (METHOD USING DIMETHYLACETAMIDE) (FIRST REVISION) (ISO 1833-20:2006, IDT)	Q	11/05/2017	Direct use of ISO standard
94	MS ISO 1833-21:2012	TEXTILES - QUANTITATIVE CHEMICAL ANALYSIS - PART 21: MIXTURES OF CHLOROFIBRES, CERTAIN MODACRYLICS, CERTAIN ELASTANES, ACETATES, TRIACETATES AND CERTAIN OTHER FIBRES (METHOD USING CYCLOHEXANONE) (FIRST REVISION) (ISO 1833-21:2006, IDT)	Q	11/05/2017	Direct use of ISO standard
95	MS ISO 1833-24:2012	TEXTILES - QUANTITATIVE CHEMICAL ANALYSIS - PART 24: MIXTURES OF POLYESTER AND CERTAIN OTHER FIBRES (METHOD USING PHENOL AND TETRACHLOROETHANE)	Q	11/05/2017	Direct use of ISO standard

		(FIRST REVISION) (ISO 1833-24:2006, IDT)			
96	MS ISO 105-E04:1996	TEXTILES - TESTS FOR COLOUR FASTNESS: PART E04: COLOUR FASTNESS TO PERSPIRATION	Q	11/05/2017	Direct use of ISO standard
97	MS ISO/TS 21098:2007	FOODSTUFFS - NUCLEIC ACID BASED METHODS OF ANALYSIS OF GENETICALLY MODIFIED ORGANISMS AND DERIVED PRODUCTS - INFORMATION TO BE SUPPLIED AND PROCEDURE FOR THE ADDITION OF METHODS TO ISO 21569, ISO 21570 OR ISO 21571 (ISO/TS 21098:2005, IDT)	U	29/12/2015	Direct use of ISO standard
98	MS ISO 21570:2007	FOODSTUFFS - METHODS OF ANALYSIS FOR THE DETECTION OF GENETICALLY MODIFIED ORGANISMS AND DERIVED PRODUCTS - GENERAL REQUIREMENTS AND DEFINITIONS	U	29/12/2015	Direct use of ISO standard
99	MS ISO 21571:2007	FOODSTUFFS - METHODS OF ANALYSIS FOR THE DETECTION OF GENETICALLY MODIFIED ORGANISMS AND DERIVED PRODUCTS - NUCLEIC ACID EXTRACTION (ISO 21571:2005, IDT)	U	29/12/2015	Direct use of ISO standard
100	MS ISO 21569:2007	FOODSTUFFS - METHODS OF ANALYSIS FOR THE DETECTION OF GENETICALLY MODIFIED ORGANISMS AND DERIVED PRODUCTS - QUALITATIVE NUCLEIC ACID BASED METHODS (ISO 21569:2005, IDT)	U	29/12/2015	Direct use of ISO standard
101	MS 1119:1988	METHOD OF ANALYSIS FOR MALAYSIAN COCOA BUTTER AND MALAYSIAN COCOA POWDER	U	29/12/2015	Direct use of ISO standard
102	MS 1263:1992	METHOD OF SAMPLING FOR MALAYSIAN COCOA POWDER AND MALAYSIAN COCOA BUTTER	U	29/12/2015	Direct use of ISO standard
103	MS 1797:2008	ANHYDROUS MILK FAT - DETERMINATION OF STEROL COMPOSITION BY GAS LIQUID CHROMATOGRAPHY (REFERENCE METHOD) (ISO 12078:2006, MOD)	U	29/12/2015	Direct use of ISO standard

104	MS 2229:2009	MILK POWDER - DETERMINATION OF SOY AND PEA PROTEINS USING CAPILLARY ELECTROPHORESIS IN THE PRESENCE OF SODIUM DODECYL SULFATE (SDS-CE) - SCREENING METHOD) (ISO 17129:2006, MOD)	U	29/12/2015	Direct use of ISO standard
105	MS ISO/ASTM 51261:2005	GUIDE FOR SELECTION AND CALIBRATION OF DOSIMETRY SYSTEMS FOR RADIATION PROCESSING (ISO/ASTM 51261:2002, IDT)	U	29/12/2015	Direct use of ISO standard
106	MS ISO 24276:2007	FOODSTUFFS - METHODS OF ANALYSIS FOR THE DETECTION OF GENETICALLY MODIFIED ORGANISMS AND DERIVED PRODUCTS - GENERAL REQUIREMENTS AND DEFINITIONS (ISO 24276:2006, IDT)	U	29/12/2015	Direct use of ISO standard
107	MS ISO/ASTM 51431:2005	PRACTICE FOR DOSIMETRY IN ELECTRON AND BREMSSTRAHLUNG IRRADIATION FACILITIES FOR FOOD PROCESSING (ISO/ASTM 51431:2002, IDT)	U	29/12/2015	Direct use of ISO standard
108	MS ISO 6637:2010	FRUITS, VEGETABLES AND DERIVED PRODUCTS- DETERMINATION OF MERCURY CONTENT - FLAMELESS ATOMIC ABSORPTION METHOD (ISO 6637:1984, IDT)	U	29/12/2015	Direct use of ISO standard
109	MS ISO 17239:2010	FRUITS, VEGETABLES AND DERIVED PRODUCTS- DETERMINATION OF ARSENIC CONTENT- METHOD USING HYDRIDE GENERATION ATOMIC ABSORPTION SPECTROMETRY (ISO 17239:2004, IDT)	U	29/12/2015	Direct use of ISO standard
110	MS ISO 1842:2010	FRUIT AND VEGETABLE PRODUCTS - DETERMINATION OF PH (ISO 1842:1991, IDT)	U	29/12/2015	Direct use of ISO standard
111	MS ISO 2172:2010	FRUIT JUICE - DETERMINATION OF SOLUBLE SOLIDS CONTENT- PYCNOMETRIC METHOD (ISO 2172:1983, IDT)	U	29/12/2015	Direct use of ISO standard

112	MS ISO 2173:2010	FRUIT AND VEGETABLE PRODUCTS - DETERMINATION OF SOLUBLE SOLIDS - REFRACTOMETRIC METHOD (ISO 2173:2003, IDT)	U	29/12/2015	Direct use of ISO standard
113	MS ISO 5518:2010	FRUITS, VEGETABLES AND DERIVED PRODUCTS - DETERMINATION OF BENZOIC ACID CONTENT - SPECTROPHOTOMETRIC METHOD(ISO 5518:2007, IDT)	U	29/12/2015	Direct use of ISO standard
114	MS ISO 5519:2010	FRUITS, VEGETABLES AND DERIVED PRODUCTS - DETERMINATION OF SORBIC ACID CONTENT (ISO 5519:2008, IDT)	U	29/12/2015	Direct use of ISO standard
115	MS ISO 5521:2010	FRUITS, VEGETABLES AND DERIVED PRODUCTS - QUALITATIVE METHOD FOR THE DETECTION OF SULPHUR DIOXIDE (ISO 5521:1981, IDT)	U	29/12/2015	Direct use of ISO standard
116	MS ISO 5522:2010	FRUITS, VEGETABLES AND DERIVED PRODUCTS - DETERMINATION OF TOTAL SULPHUR DIOXIDE CONTENT (ISO 5522:1981, IDT)	U	29/12/2015	Direct use of ISO standard
117	MS ISO 5523:2010	LIQUID FRUIT AND VEGETABLE PRODUCTS - DETERMINATION OF SULPHUR DIOXIDE CONTENT (ROUTINE METHOD) (ISO 5523:1981, IDT)	U	29/12/2015	Direct use of ISO standard
118	MS ISO 6557-2:2010	FRUITS, VEGETABLES AND DERIVED PRODUCTS - DETERMINATION OF ASCORBIC ACID CONTENT - PART 2: ROUTINE METHODS (ISO 6557-2:1984, IDT)	U	29/12/2015	Direct use of ISO standard
119	MS 818:1983	SPECIFICATION FOR ICE USED IN THE FISH AND PRAWN INSUDTRY	U	29/12/2015	Redundant with MS 1783:2005, Edible ice in food processing and food services - Specification.
120	MS 1261:1992	SPECIFICATION FOR POTATO CHIPS	U	15/05/2016	No known user of the document. Therefore, committee agree to withdraw without replacement.
121	MS ISO 1572:1994	METHOD OF SAMPLING AND TEST FOR TEA: PREPARATION OF GROUND SAMPLE OF KNOWN DRY MATTER CONTENT (ISO 1572:1980, IDT)	U	15/05/2016	Adhere to ISO direct use policy.

122	MS ISO 1573:1994	METHOD OF SAMPLING AND TEST FOR TEA: DETERMINATION OF LOSS IN MASS AT 103 °C (ISO 1573:1980, IDT)	U	15/05/2016	Adhere to ISO direct use policy.
123	MS ISO 1575:1994	METHOD OF SAMPLING AND TEST FOR TEA: DETERMINATION OF TOTAL ASH (ISO 1575:1987, IDT)	U	15/05/2016	Adhere to ISO direct use policy.
124	MS ISO 1576:1994	METHOD OF SAMPLING AND TEST FOR TEA: DETERMINATION OF WATER SOLUBLE ASH AND WATER INSOLUBLE ASH (ISO 1576:1988, IDT)	U	15/05/2016	Adhere to ISO direct use policy.
125	MS ISO 1577:1994	METHOD OF SAMPLING AND TEST FOR TEA: DETERMINATION OF WATER SOLUBLE ASH AND WATER INSOLUBLE ASH (ISO 1577:1987, IDT)	U	15/05/2016	Adhere to ISO direct use policy.
126	MS ISO 1578:1994	METHOD OF SAMPLING AND TEST FOR TEA: DETERMINATION OF ALKALINITY OF WATER-SOLUBLE ASH (ISO 1578:1975, IDT)	U	15/05/2016	Adhere to ISO direct use policy.
127	MS ISO 1839:1994	METHOD OF SAMPLING AND TEST FOR TEA: SAMPLING (ISO 1839:1980, IDT)	U	15/05/2016	Adhere to ISO direct use policy.
128	MS ISO 6078:1994	GLOSSARY OF TERMS FOR BLACK TEA (ISO 6078:1981, IDT)	U	15/05/2016	Adhere to ISO direct use policy.
129	MS 2326:2010	ERGONOMICS OF THE THERMAL ENVIRONMENT - METHODS FOR THE ASSESSMENT OF HUMAN RESPONSES TO CONTACT WITH SURFACES AT MODERATE TEMPERATURE	W	15/12/2016	Direct use of ISO standard
130	MS 2327:2010	ERGONOMICS OF THE THERMAL ENVIRONMENT - APPLICATION OF MALAYSIAN STANDARDS TO PEOPLE WITH SPECIAL REQUIREMENTS	W	15/12/2016	Direct use of ISO standard
131	MS 2328-1:2010	ERGONOMICS OF THE THERMAL ENVIRONMENT - EVALUATION OF THERMAL ENVIRONMENTS IN VEHICLES - PART 1: PRINCIPLES AND METHODS FOR ASSESSMENT OF THERMAL STRESS	W	15/12/2016	Direct use of ISO standard

132	MS 2329:2010	EASE OF OPERATION OF EVERYDAY PRODUCTS - WALK-UP-AND-USE PRODUCTS - TEST METHOD	W	15/12/2016	Direct use of ISO standard
133	MS 2406:2011	ERGONOMICS OF HUMAN-SYSTEM INTERACTION - SPECIFICATION FOR THE PROCESS ASSESSMENT OF HUMAN-SYSTEM ISSUES	W	15/12/2016	Direct use of ISO standard
134	MS ISO 10075:2009	ERGONOMIC PRINCIPLES RELATED TO MENTAL WORK-LOAD - GENERAL TERMS AND DEFINITIONS (ISO 10075:1991, IDT)	W	15/12/2016	Direct use of ISO standard
135	MS ISO 10075-2:2009	ERGONOMIC PRINCIPLES RELATED TO MENTAL WORK-LOAD - PART 2: DESIGN PRINCIPLES (ISO 10075-2:1996, IDT)	W	15/12/2016	Direct use of ISO standard
136	MS ISO 10075-3:2009	ERGONOMIC PRINCIPLES RELATED TO MENTAL WORK-LOAD - PART 3: PRINCIPLES AND REQUIREMENTS CONCERNING METHODS FOR MEASURING AND ASSESSING MENTAL WORKLOAD (ISO 10075-3:2004, IDT)	W	15/12/2016	Direct use of ISO standard
137	MS ISO 10551:2009	ERGONOMICS OF THE THERMAL ENVIRONMENT - ASSESSMENT OF THE INFLUENCE OF THE THERMAL ENVIRONMENT USING SUBJECTIVE JUDGEMENT SCALES (ISO 10551:1995, IDT)	W	15/12/2016	Direct use of ISO standard
138	MS ISO 13406-1:2007	ERGONOMIC REQUIREMENTS FOR WORK WITH VISUAL DISPLAY BASED ON FLAT PANELS - PART 1: INTRODUCTION (ISO 13406-1:1999, IDT)	W	15/12/2016	This standard has been revised by ISO 9241-302:2008, Ergonomics of human-system interaction - Part 302: Terminology for electronic visual displays.
139	MS ISO 13406-2:2007	ERGONOMIC REQUIREMENTS FOR WORK WITH VISUAL DISPLAYS BASED ON FLAT PANELS - PART 2: ERGONOMIC REQUIREMENTS FOR FLAT PANEL DISPLAYS (ISO 13406-2:2001, IDT)	W	15/12/2016	This standard has been revised by ISO 9241-302:2008, Ergonomics of human-system interaction - Part 302: Terminology for electronic visual displays.
140	MS ISO 13407:2007	HUMAN-CENTRED DESIGN PROCESSES FOR INTERACTIVE SYSTEMS (ISO 13407:1999, IDT)	W	15/12/2016	This standard has been revised by ISO 9241-210:2010, Ergonomics of human-system interaction - Part 210: Human-centred design for interactive systems.

					ISO 9241-210:2010 has been adopted as MS ISO 9241-210:2011.
141	MS ISO 13732-3:2010	ERGONOMICS OF THE THERMAL ENVIRONMENT - METHODS FOR THE ASSESSMENT OF HUMAN RESPONSES TO CONTACT WITH SURFACES - PART 3: COLD SURFACES (ISO 13732-3:2005, IDT)	W	15/12/2016	Direct use of ISO standard
142	MS ISO 1503:2010	SPATIAL ORIENTATION AND DIRECTION OF MOVEMENT - ERGONOMIC REQUIREMENTS (ISO 1503:2008, IDT)	W	15/12/2016	Direct use of ISO standard
143	MS ISO 9241-3:2005	ERGONOMIC REQUIREMENTS FOR OFFICE WORK WITH VISUAL DISPLAY TERMINALS (VDTS) - PART 3: VISUAL DISPLAY REQUIREMENTS (ISO 9241-3:1992 AND ITS AMENDMENT 1:2000, IDT)	W	15/12/2016	This standard has been revised by ISO 9241-302:2008, Ergonomics of human-system interaction - Part 302: Terminology for electronic visual displays.
144	MS ISO 9241-4:2005	ERGONOMIC REQUIREMENTS FOR OFFICE WORK WITH VISUAL DISPLAY TERMINALS (VDTS) - PART 4: KEYBOARD REQUIREMENTS (ISO 9241-4:1998 AND ITS TECHNICAL CORRIGENDUM 1:2000, IDT)	W	15/12/2016	This standard has been revised by ISO 9241-400:2007, Ergonomics of human -system interaction - Part 400: Principles and requirements for physical input devices. ISO 9241-400:2007 has been adopted as MS ISO 9241-400:2007.
145	MS ISO 9241-7:2005	ERGONOMIC REQUIREMENTS FOR OFFICE WORK WITH VISUAL DISPLAY TERMINALS (VDTS) - PART 7: REQUIREMENTS FOR DISPLAY WITH REFLECTIONS (ISO 9241-7:1998, IDT)	W	15/12/2016	This standard has been revised by ISO 9241-302:2008, Ergonomics of human-system interaction - Part 302: Terminology for electronic visual displays.
146	MS ISO 9241-8:2006	ERGONOMIC REQUIREMENTS FOR OFFICE WORK WITH VISUAL DISPLAY TERMINALS (VDTS) - PART 8: REQUIREMENTS FOR DISPLAYED COLOURS (ISO 9241-8:1997, IDT)	W	15/12/2016	This standard has been revised by ISO 9241-302:2008, Ergonomics of human-system interaction - Part 302: Terminology for electronic visual displays.
147	MS ISO 9241-9:2006	ERGONOMIC REQUIREMENTS FOR OFFICE WORK WITH VISUAL DISPLAY TERMINALS (VDTS) - PART 9: REQUIREMENTS FOR NON-KEYBOARD INPUT DEVICES (ISO 9241-9:2000, IDT)	W	15/12/2016	This standard has been revised by ISO 9241-400:2007, Ergonomics of human -system interaction - Part 400: Principles and requirements for physical input devices. ISO 9241-400:2007 has been adopted as MS ISO 9241-400:2007.

148	MS ISO/TS 16071:2007	ERGONOMICS OF HUMAN-SYSTEM INTERACTION - GUIDANCE ON ACCESSIBILITY FOR HUMAN-COMPUTER INTERFACES (ISO/TS 16071:2003, IDT)	W	15/12/2016	This standard has been revised by ISO 9241-171:2008, Ergonomics of human-system interaction -- Part 171: Guidance on software accessibility. ISO 9241-171:2008 has been adopted as MS ISO 9241-171:2010.
149	MS ISO 7726:2009	ERGONOMICS OF THE THERMAL ENVIRONMENT - INSTRUMENTS FOR MEASURING PHYSICAL QUANTITIES (ISO 7726:1998, IDT)	W	22/05/2017	Direct use of ISO standard
150	MS ISO 11064-5:2010	ERGONOMIC DESIGN OF CONTROL CENTRES - PART 5: DISPLAYS AND CONTROLS (ISO 11064-5:2008, IDT)	W	22/05/2017	Direct use of ISO standard
151	MS ISO 11064-7:2007	ERGONOMIC DESIGN OF CONTROL CENTRES - PART 7: PRINCIPLES FOR THE EVALUATION OF CONTROL CENTRES (ISO 11064-7:2006, IDT)	W	22/05/2017	Direct use of ISO standard
152	MS ISO 11399:2010	ERGONOMICS OF THE THERMAL ENVIRONMENT - PRINCIPLES AND APPLICATION OF RELEVANT INTERNATIONAL STANDARDS (ISO 11399:1995, IDT)	W	22/05/2017	Direct use of ISO standard
153	MS ISO 13731:2010	ERGONOMICS OF THE THERMAL ENVIRONMENT - VOCABULARY AND SYMBOLS (ISO 13731:2001, IDT)	W	22/05/2017	Direct use of ISO standard
154	MS ISO 14505-2:2008	ERGONOMICS OF THE THERMAL ENVIRONMENT - EVALUATION OF THERMAL ENVIRONMENTS IN VEHICLES - PART 2: DETERMINATION OF EQUIVALENT TEMPERATURE (ISO 14505-2:2006, IDT)	W	22/05/2017	Direct use of ISO standard
155	MS ISO 14915-1:2007	SOFTWARE ERGONOMICS FOR MULTIMEDIA USER INTERFACES - PART 1: DESIGN PRINCIPLES AND FRAMEWORK (ISO 14915-1:2002, IDT)	W	22/05/2017	Direct use of ISO standard
156	MS ISO 14915-2:2007	SOFTWARE ERGONOMICS FOR MULTIMEDIA USER INTERFACES - PART 2: MULTIMEDIA NAVIGATION AND CONTROL (ISO 14915-2:2003, IDT)	W	22/05/2017	Direct use of ISO standard

157	MS ISO 14915-3:2007	SOFTWARE ERGONOMICS FOR MULTIMEDIA USER INTERFACES - PART 3: MEDIA SELECTION AND COMBINATION (ISO 14915-3:2002, IDT)	W	22/05/2017	Direct use of ISO standard
158	MS ISO 15535:2008	GENERAL REQUIREMENTS FOR ESTABLISHING ANTHROPOMETRIC DATABASES (FIRST REVISION) (ISO 15535:2006, IDT)	W	22/05/2017	Direct use of ISO standard
159	MS ISO 20685:2011	3-D SCANNING METHODOLOGIES FOR INTERNATIONALLY COMPATIBLE ANTHROPOMETRIC DATABASES (FIRST REVISION) (ISO 20685:2010, IDT)	W	22/05/2017	Direct use of ISO standard
160	MS ISO 24501:2012	ERGONOMICS - ACCESSIBLE DESIGN - SOUND PRESSURE LEVELS OF AUDITORY SIGNALS FOR CONSUMER PRODUCTS (ISO 24501:2010, IDT)	W	15/12/2016	Direct use of ISO standard
161	MS ISO 24502:2012	ERGONOMICS - ACCESSIBLE DESIGN - SPECIFICATION OF AGE-RELATED LUMINANCE CONTRAST FOR COLOURED LIGHT (ISO 24502:2010, IDT)	W	02/10/2017	Direct use of ISO standard
162	MS ISO 24503:2012	ERGONOMICS - ACCESSIBLE DESIGN - TACTILE DOTS AND BARS ON CONSUMER PRODUCTS (ISO 24503:2011, IDT)	W	22/05/2017	Direct use of ISO standard
163	MS ISO 7933:2007	ERGONOMICS OF THE THERMAL ENVIRONMENT - ANALYTICAL DETERMINATION AND INTERPRETATION OF HEAT STRESS USING CALCULATION OF THE PREDICTED HEAT STRAIN (ISO 7933:2004, IDT)	W	02/10/2017	Direct use of ISO standard
164	MS ISO 9241-2:2005	ERGONOMIC REQUIREMENTS FOR OFFICE WORK WITH VISUAL DISPLAY TERMINALS (VDTS) - PART 2: GUIDANCE ON TASK REQUIREMENTS (ISO 9241-2:1992, IDT)	W	02/10/2017	Direct use of ISO standard
165	MS ISO 9241-5:2005	ERGONOMIC REQUIREMENTS FOR OFFICE WORK WITH VISUAL DISPLAY	W	02/10/2017	Direct use of ISO standard

		TERMINALS (VDTS) - PART 5: WORKSTATION LAYOUT AND POSTURAL REQUIREMENTS (ISO 9241-5:1998, IDT)			
166	MS ISO 9241-6:2005	ERGONOMIC REQUIREMENTS FOR OFFICE WORK WITH VISUAL DISPLAY TERMINALS (VDTS) - PART 6: GUIDANCE ON THE WORK ENVIRONMENT (ISO 9241-6:1999, IDT)	W	02/10/2017	Direct use of ISO standard
167	MS ISO 9241-11:2006	ERGONOMIC REQUIREMENTS FOR OFFICE WORK WITH VISUAL DISPLAY TERMINALS (VDTS) - PART 11: GUIDANCE ON USABILITY (ISO 9241-11:1998, IDT)	W	02/10/2017	Direct use of ISO standard
168	MS ISO 9241-12:2006	ERGONOMIC REQUIREMENTS FOR OFFICE WORK WITH VISUAL DISPLAY TERMINALS (VDTS) - PART 12: PRESENTATION OF INFORMATION (ISO 9241-12:1998, IDT)	W	02/10/2017	Direct use of ISO standard
169	MS ISO 9241-13:2006	ERGONOMIC REQUIREMENTS FOR OFFICE WORK WITH VISUAL DISPLAY TERMINALS (VDTS) - PART 13: USER GUIDANCE (ISO 9241-13:1998, IDT)	W	02/10/2017	Direct use of ISO standard
170	MS ISO 9241-14:2006	ERGONOMIC REQUIREMENTS FOR OFFICE WORK WITH VISUAL DISPLAY TERMINALS (VDTS) - PART 14: MENU DIALOGUES (ISO 9241-14:1997, IDT)	W	02/10/2017	Direct use of ISO standard
171	MS ISO 9241-15:2006	ERGONOMIC REQUIREMENTS FOR OFFICE WORK WITH VISUAL DISPLAY TERMINALS (VDTS) - PART 15: COMMAND DIALOGUES (ISO 9241-15:1997, IDT)	W	02/10/2017	Direct use of ISO standard
172	MS ISO 9241-16:2006	ERGONOMIC REQUIREMENTS FOR OFFICE WORK WITH VISUAL DISPLAY TERMINALS (VDTS) - PART 16: DIRECT MANIPULATION DIALOGUES (ISO 9241-16:1999, IDT)	W	02/10/2017	Direct use of ISO standard
173	MS ISO 9241-17:2006	ERGONOMIC REQUIREMENTS FOR	W	02/10/2017	Direct use of ISO standard

		OFFICE WORK WITH VISUAL DISPLAY TERMINALS (VDTS) - PART 17: FORM FILLING DIALOGUES (ISO 9241-17:1998, IDT)			
174	MS ISO 9241-20:2010	ERGONOMICS OF HUMAN-SYSTEM INTERACTION - PART 20: ACCESSIBILITY GUIDELINES FOR INFORMATION/COMMUNICATION TECHNOLOGY (ICT) EQUIPMENT AND SERVICES (ISO 9241-20:2008, IDT)	W	02/10/2017	Direct use of ISO standard
175	MS ISO 9241-110:2007	ERGONOMICS OF HUMAN-SYSTEM INTERACTION - PART 110: DIALOGUE PRINCIPLES (ISO 9241-110:2006, IDT)	W	02/10/2017	Direct use of ISO standard
176	MS ISO 9241-151:2010	ERGONOMICS OF HUMAN-SYSTEM INTERACTION - PART 151: GUIDANCE ON WORLD WIDE WEB USER INTERFACES (ISO 9241-151:2008, IDT)	W	02/10/2017	Direct use of ISO standard
177	MS ISO 9241-302:2010	ERGONOMICS OF HUMAN-SYSTEM INTERACTION - PART 302: TERMINOLOGY FOR ELECTRONIC VISUAL DISPLAYS (ISO 9241-302:2008, IDT)	W	02/10/2017	Direct use of ISO standard
178	MS ISO 9241-303:2010	ERGONOMICS OF HUMAN-SYSTEM INTERACTION - PART 303: REQUIREMENTS FOR ELECTRONIC VISUAL DISPLAYS (ISO 9241-303:2008, IDT)	W	02/10/2017	Direct use of ISO standard
179	MS ISO 9241-305:2010	ERGONOMICS OF HUMAN-SYSTEM INTERACTION - PART 305: OPTICAL LABORATORY TEST METHODS FOR ELECTRONIC VISUAL DISPLAYS (ISO 9241-305:2008, IDT)	W	02/10/2017	Direct use of ISO standard
180	MS ISO 9241-306:2010	ERGONOMICS OF HUMAN-SYSTEM INTERACTION - PART 306: FIELD ASSESSMENT METHODS FOR ELECTRONIC VISUAL DISPLAYS (ISO 9241-306:2008, IDT)	W	02/10/2017	Direct use of ISO standard
181	MS ISO 9241-307:2010	ERGONOMICS OF HUMAN-SYSTEM INTERACTION - PART 307: ANALYSIS AND COMPLIANCE TEST METHODS FOR ELECTRONIC VISUAL DISPLAYS (ISO 9241-307:2008, IDT)	W	02/10/2017	Direct use of ISO standard

182	MS ISO 9241-410:2009	ERGONOMICS OF HUMAN-SYSTEM INTERACTION - PART 410: DESIGN CRITERIA FOR PHYSICAL INPUT DEVICES (ISO 9241-410:2008, IDT)	W	02/10/2017	Direct use of ISO standard
183	MS ISO 9241-420:2012	ERGONOMICS OF HUMAN-SYSTEM INTERACTION - PART 420: SELECTION OF PHYSICAL INPUT DEVICES (ISO 9241-420:2011, IDT)	W	02/10/2017	Direct use of ISO standard
184	MS ISO 9241-910:2012	ERGONOMICS OF HUMAN-SYSTEM INTERACTION - PART 910: FRAMEWORK FOR TACTILE AND HAPTIC INTERACTION (ISO 9241-910:2011, IDT)	W	02/10/2017	Direct use of ISO standard
185	MS ISO 9241-920:2010	ERGONOMICS OF HUMAN-SYSTEM INTERACTION - PART 920: GUIDANCE ON TACTILE AND HAPTIC INTERACTIONS (ISO 9241-920:2009, IDT)	W	02/10/2017	Direct use of ISO standard
186	MS ISO 9920:2009	ERGONOMICS OF THE THERMAL ENVIRONMENT - ESTIMATION OF THERMAL INSULATION AND WATER VAPOUR RESISTANCE OF A CLOTHING ENSEMBLE (ISO 9920:2007, IDT)	W	02/10/2017	Direct use of ISO standard
187	MS ISO/TS 20646-1:2007	ERGONOMIC PROCEDURES FOR THE IMPROVEMENT OF MUSCULAR WORKLOADS - PART 1: GUIDELINES FOR REDUCING LOCAL MUSCULAR WORKLOADS (ISO/TS 20646-1:2004, IDT)	W	02/10/2017	Direct use of ISO standard
188	MS ISO 11064-4:2007	ERGONOMIC DESIGN OF CONTROL CENTRES - PART 4: LAYOUT AND DIMENSIONS OF WORKSTATION (ISO 11064-4:2004, IDT)	W	20/07/2018	Direct use of ISO standard
189	MS ISO/IEC GUIDE 71:2012	GUIDELINES FOR STANDARDS DEVELOPERS TO ADDRESS THE NEEDS OF OLDER PERSONS AND PERSONS WITH DISABILITIES (ISO/IEC GUIDE 71:2001, IDT)	W	20/07/2018	Direct use of ISO standard
190	MS ISO 7243:2009	HOT ENVIRONMENTS - ESTIMATION OF THE HEAT STRESS ON WORKING MAN, BASED ON THE WBGT-INDEX (WET BULB GLOBE TEMPERATURE) (ISO 7243:1989, IDT)	W	22/05/2017	Direct use of ISO standard

191	MS 2096: PART 1:2008	PERSONAL FLOTATION DEVICES - PART 1: LIFEJACKETS FOR SEAGOING SHIPS - SAFETY REQUIREMENTS (ISO 12402-1:2005, MOD)	W	15/12/2016	Withdrawal of ISO 12402-1 as of 1/4/2015
192	MS ISO 4856:2003 (CONFIRMED:2011)	PERSONAL EYE-PROTECTORS - SYNOPTIC TABLES OF REQUIREMENTS FOR OCULARS AND EYE-PROTECTORS (ISO 4856:1982, IDT)	W	15/12/2016	Using EN 166 and ANSI Z 87.1 (direct use)
193	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	W	15/12/2016	Using EN 352 and ANSI S3.19 (direct use)
194	MS ISO 14567:2004 (CONFIRMED 2012)	PERSONAL PROTECTIVE EQUIPMENT FOR PROTECTION AGAINST FALLS FROM A HEIGHT - SINGLE-POINT ANCHOR DEVICES (ISO 14567:1999, IDT)	W	15/12/2016	Direct use EN 358 ()
195	MS ISO 4869-1:2004 (CONFIRMED 2012)	ACOUSTICS - HEARING PROTECTORS: PART 1: SUBJECTIVE METHOD FOR THE MEASUREMENT OF SOUND ATTENUATION (ISO 4869-1:1990, IDT)	W	15/12/2016	Direct use EN 352 and ANSI S3.19
196	MS ISO 4869-2:2004 (CONFIRMED 2012)	ACOUSTICS - HEARING PROTECTORS: PART 2: ESTIMATION OF EFFECTIVE A-WEIGHTED SOUND PRESSURE LEVELS WHEN HEARING PROTECTORS ARE WORN (ISO 4869-2:1994, IDT)	W	15/12/2016	Direct use EN 352 and ANSI S3.19
197	MS 1732 : PART 4 : 2004	ACOUSTICS - HEARING PROTECTORS - PART 4: MEASUREMENT OF EFFECTIVE SOUND PRESSURE LEVELS FOR LEVEL-DEPENDENT SOUND-RESTORATION EAR MUFFS	W	15/12/2016	Direct use EN 352 and ANSI S3.19
198	MS 1952:2007	PERSONAL EYE PROTECTION - SUNGLARE FILTERS FOR INDUSTRIAL USE	W	15/12/2016	Direct use EN 172, EN 166, ANSI Z 87.1
199	MS 1953:2007	PERSONAL PROTECTION - EQUIPMENT FOR EYE AND FACE PROTECTION DURING WELDING AND ALLIED PROCESSES	W	15/12/2016	Direct use EN 175, EN 166, ANSI Z 87.1

200	MS 1955:2007	PERSONAL EYE PROTECTION - OPTICAL TEST METHODS (FIRST REVISION)	W	15/12/2016	Direct use EN 167, EN 166, ANSI Z 87.1
201	MS 1956:2007	PERSONAL EYE-PROTECTION - NON-OPTICAL TEST METHODS (FIRST REVISION)	W	15/12/2016	Direct use EN 168, EN 166, ANSI Z 87.1
202	MS 1957:2007	PERSONAL EYE-PROTECTION - FILTERS FOR WELDING AND RELATED TECHNIQUES - TRANSMITTANCE REQUIREMENTS AND RECOMMENDED USE (FIRST REVISION)	W	15/12/2016	Direct use EN 169, EN 166, ANSI Z 87.1
203	MS 1958:2007	PERSONAL EYE-PROTECTION - ULTRAVIOLET FILTERS - TRANSMITTANCE REQUIREMENTS AND RECOMMENDED USE (FIRST REVISION)	W	15/12/2016	Direct use EN 170, EN 166, ANSI Z 87.1
204	MS 1959:2007	PERSONAL EYE-PROTECTION - INFRARED FILTERS - TRANSMITTANCE REQUIREMENTS AND RECOMMENDED USE (FIRST REVISION)	W	15/12/2016	Direct use EN 171, EN 166, ANSI Z 87.1
205	MS 2050 : 2007	PERSONAL EYE-PROTECTION - SPECIFICATIONS (FIRST REVISION)	W	15/12/2016	Direct use EN 166, ANSI Z 87.1
206	MS 2051: 2007	PERSONAL EYE-PROTECTION - VOCABULARY (FIRST REVISION)	W	15/12/2016	Direct use EN 165, EN 166, ANSI Z 87.1
207	MS 2238:2009	INDUSTRY SAFETY BELTS - SPECIFICATION (FIRST REVISION)	W	15/12/2016	The standard is not valid in industries
208	MS 2307-1:2010	PERSONAL PROTECTIVE EQUIPMENT AGAINST FALLS FROM A HEIGHT - PART 1: GUIDED TYPE FALL ARRESTERS INCLUDING A RIGID ANCHOR LINE	W	15/12/2016	Direct use EN 353-1, ANSI Z 359
209	MS 2307-2:2010	PERSONAL PROTECTIVE EQUIPMENT AGAINST FALLS FROM A HEIGHT - PART 2: GUIDED TYPE FALL ARRESTERS INCLUDING A FLEXIBLE ANCHOR LINE	W	15/12/2016	Direct use EN 353-2, ANSI Z 359
210	MS 2308:2010	PERSONAL PROTECTIVE EQUIPMENT AGAINST FALLS FROM A HEIGHT -	W	15/12/2016	Direct use EN 354

		LANYARDS (FIRST REVISION)			
211	MS 2309:2010	PERSONAL PROTECTIVE EQUIPMENT AGAINST FALLS FROM A HEIGHT - ENERGY ABSORBERS (FIRST REVISION)	W	15/12/2016	Direct use EN 355
212	MS 2310:2010	PERSONAL PROTECTIVE EQUIPMENT AGAINST FALLS FROM A HEIGHT - RETRACTABLE TYPE FALL ARRESTERS (FIRST REVISION)	W	15/12/2016	Direct use EN 360
213	MS 2311:2010	PERSONAL PROTECTIVE EQUIPMENT AGAINST FALLS FROM A HEIGHT - FULL BODY HARNESSSES (FIRST REVISION)	W	15/12/2016	Direct use EN 361
214	MS 2312:2010	PERSONAL PROTECTIVE EQUIPMENT AGAINST FALL FROM A HEIGHT - CONNECTORS	W	15/12/2016	Direct use EN 362
215	MS 2313:2010	PERSONAL FALL PROTECTION EQUIPMENT - PERSONAL FALL PROTECTION SYSTEMS	W	15/12/2016	Direct use EN 363
216	MS 2314:2010	PERSONAL PROTECTIVE EQUIPMENT AGAINST FALL FROM A HEIGHT - TEST METHOD	W	15/12/2016	Direct use EN 364
217	MS 2315:2010	PERSONAL PROTECTIVE EQUIPMENT AGAINST FALLS FROM A HEIGHT - GENERAL REQUIREMENTS FOR INSTRUCTIONS FOR USE, MAINTENANCE, PERIODIC EXAMINATION, REPAIR, MARKING AND PACKAGING	W	15/12/2016	Direct use EN 365
218	MS 2316:2010	PROTECTION AGAINST FALLS FROM A HEIGHT - ANCHOR DEVICES - REQUIREMENTS AND TESTING	W	15/12/2016	Direct use EN 795
219	MS 2389-1:2011	PROTECTIVE GLOVES AGAINST CHEMICALS AND MICRO-ORGANISMS - PART 1: TERMINOLOGY AND PERFORMANCE REQUIREMENTS	W	15/12/2016	Direct use EN 374-1
220	MS 2389-2 :2011	PROTECTIVE GLOVES AGAINST CHEMICALS AND MICRO-ORGANISMS - PART 2: DETERMINATION OF RESISTANCE TO PENETRATION	W	15/12/2016	Direct use EN 374-2

221	MS 2389-3 :2011	PROTECTIVE GLOVES AGAINST CHEMICALS AND MICRO-ORGANISMS - PART 3: DETERMINATION OF RESISTANCE TO PERMEATION BY CHEMICALS	W	15/12/2016	Direct use EN 374-3
222	MS 2419:2011	PROTECTIVE GLOVES - GENERAL REQUIREMENTS AND TEST METHODS	W	15/12/2016	Direct use EN 420
223	MS ISO 11612:2005	CLOTHING FOR PROTECTION AGAINST HEAT AND FLAME - TEST METHODS AND PERFORMANCE REQUIREMENTS FOR HEAT-PROTECTIVE CLOTHING (ISO 11612:1998, IDT)	W	15/12/2016	Direct use EN 469
224	MS ISO 12127:2005	CLOTHING FOR PROTECTION AGAINST HEAT AND FLAME - DETERMINATION OF CONTACT HEAT TRANSMISSION THROUGH PROTECTIVE CLOTHING OR CONSTITUENT MATERIALS (ISO 12127:1996, IDT)	W	15/12/2016	Direct use EN 469
225	MS ISO 15025:2005	PROTECTIVE CLOTHING - PROTECTION AGAINST HEAT AND FLAME - METHOD OF TEST FOR LIMITED FLAME SPREAD (ISO 15025:2000, IDT)	W	15/12/2016	Direct use EN 469
226	MS ISO 17491:2005	PROTECTIVE CLOTHING - PROTECTION AGAINST GASEOUS AND LIQUID CHEMICALS - DETERMINATION OF RESISTANCE OF PROTECTIVE CLOTHING TO PENETRATION BY LIQUIDS AND GASES (ISO 17491:2002, IDT)	W	15/12/2016	Direct use EN 374, EN 13832, NFPA
227	MS ISO 9151:2005	PROTECTIVE CLOTHING AGAINST HEAT AND FLAME - DETERMINATION OF HEAT TRANSMISSION ON EXPOSURE TO FLAME (ISO 9151:1995, IDT)	W	15/12/2016	Direct use EN 469
228	MS ISO 11161:2009	SAFETY OF MACHINERY - INTEGRATED MANUFACTURING SYSTEMS - BASIC REQUIREMENTS (ISO 1161:2007, IDT)	W	20/07/2018	Direct use ISO
229	MS ISO 13849-1 :2008	SAFETY OF MACHINERY - SAFETY-RELATED PARTS OF CONTROL SYSTEMS - PART 1: GENERAL	W	20/07/2018	Direct use ISO

		PRINCIPLES FOR DESIGN (FIRST REVISION) (ISO 13849-1:2006, IDT)			
230	MS ISO 19353:2006 (CONFIRMED:2011)	SAFETY OF MACHINERY - FIRE PREVENTION AND PROTECTION (ISO 19353:2005, IDT)	W	20/07/2018	Direct use ISO
231	MS ISO 29042-1:2010	SAFETY OF MACHINERY - EVALUATION OF THE EMISSION OF AIRBORNE HAZARDOUS SUBSTANCES - PART 1: SELECTION OF TEST METHODS (ISO 29042-1:2008, IDT)	W	20/07/2018	Direct use ISO
232	MS ISO 29042-2:2010	SAFETY OF MACHINERY - EVALUATION OF THE EMISSION OF AIRBORNE HAZARDOUS SUBSTANCES - PART 2: TRACER GAS METHOD FOR THE MEASUREMENT OF THE EMISSION RATE OF A GIVEN POLLUTANT (ISO 29042-2:2009, IDT)	W	20/07/2018	Direct use ISO
233	MS ISO 29042-3:2010	SAFETY OF MACHINERY - EVALUATION OF THE EMISSION OF AIRBORNE HAZARDOUS SUBSTANCES - PART 3: TEST BENCH METHOD FOR THE MEASUREMENT OF THE EMISSION RATE OF A GIVEN POLLUTANT (ISO 29042-3:2009, IDT)	W	20/07/2018	Direct use ISO
234	MS ISO 29042-4:2010	SAFETY OF MACHINERY - EVALUATION OF THE EMISSION OF AIRBORNE HAZARDOUS SUBSTANCES - PART 4: TRACER METHOD FOR THE MEASUREMENT OF THE CAPTURE EFFICIENCY OF AN EXHAUST SYSTEM (ISO 29042-4:2009, IDT)	W	20/07/2018	Direct use ISO
235	MS ISO 29042-5:2011	SAFETY OF MACHINERY - EVALUATION OF THE EMISSION OF AIRBORNE HAZARDOUS SUBSTANCES - PART 5: TEST BENCH METHOD FOR THE MEASUREMENT OF THE SEPARATION EFFICIENCY BY MASS OF AIR CLEANING SYSTEMS WITH UNDUCTED OUTLET (ISO 29042-5:2010, IDT)	W	20/07/2018	Direct use ISO
236	MS ISO 29042-6:2011	SAFETY OF MACHINERY - EVALUATION OF THE EMISSION OF AIRBORNE HAZARDOUS SUBSTANCES - PART 6:	W	20/07/2018	Direct use ISO

		TEST BENCH METHOD FOR THE MEASUREMENT OF THE SEPARATION EFFICIENCY BY MASS OF AIR CLEANING SYSTEMS WITH DUCTED OUTLET (ISO 29042-6:2010, IDT)			
237	MS ISO 29042-7:2011	SAFETY OF MACHINERY - EVALUATION OF THE EMISSION OR AIRBORNE HAZARDOUS SUBSTANCES - PART 7: TEST BENCH METHOD FOR THE MEASUREMENT OF THE POLLUTANT CONCENTRATION PARAMETER (ISO 29042-7:2010, IDT)	W	20/07/2018	Direct use ISO
238	MS ISO/TS 16949:2009	QUALITY MANAGEMENT SYSTEMS - PARTICULAR REQUIREMENTS FOR THE APPLICATION OF ISO 9001:2008 FOR AUTOMOTIVE PRODUCTION AND RELEVANT SERVICE PART ORGANIZATIONS (FIRST REVISION) (ISO/TS 16949:2009, IDT) (PUBLISHED BY STANDARDS MALAYSIA IN 2010)	Y	10/10/2017	The standard is requested to be withdrawn without replacement because the standard is no longer an ISO standard publication; and as such the committee cannot adopt the standard as a Malaysian Standard. The current and revised document is published as IATF 16949:2016 and its copyright is owned by IATF, International Automotive Task Force.
239	MS ISO 28801:2011	DOUBLE SAMPLING PLANS BY ATTRIBUTES WITH MINIMAL SAMPLE SIZES, INDEXED BY PRODUCER'S RISK QUALITY (PRQ) AND CONSUMER'S RISK QUALITY (CRQ) (ISO 28801:2011, IDT)	Y	07/05/2018	The standard is proposed to withdraw (without replacement) as there is no known sales data since its publication.
240	MS ISO 7870:2000	CONTROL CHARTS GENERAL GUIDE AND INTRODUCTION (ISO 7870:1993, IDT)	Y	19/10/2016	The standard is proposed to withdraw (without replacement) as there is no known sales data since its publication.
241	MS ISO 24153:2009	RANDOM SAMPLING AND RANDOMIZATION PROCEDURES (ISO 24153:2009, IDT)	Y	07/05/2018	The standard is proposed to withdraw (without replacement) as there is no known sales data since its publication.
242	MS ISO 10780:2009	STATIONARY SOURCE EMISSIONS - MEASUREMENT OF VELOCITY AND VOLUME FLOWRATE OF GAS STREAMS IN DUCTS (ISO 10780:1994 (2005), IDT)	Z	31/12/2015	In line with JSM's proposal for withdrawal and direct use of ISO standard.
243	MS ISO 15713:2009	STATIONARY SOURCE EMISSIONS - SAMPLING AND DETERMINATION OF GASEOUS FLUORIDE	Z	31/12/2015	In line with JSM's proposal for withdrawal and direct use of ISO standard.

		CONTENT (ISO 15713:2006, IDT)			
244	MS ISO 17713-1:2009	METEOROLOGY - WIND MEASUREMENTS - PART 1: WIND TUNNEL TEST METHODS FOR ROTATING ANEMOMETER PERFORMANCE (MS ISO 17713-1)	Z	26/05/2016	The meteorological sector in Malaysia has been referring to the World Meteorological Organization (WMO) Guide to Meteorological Instruments and Methods of Observation (WMO-No.8) for the uniformity and standardization of internationally accepted meteorological data and best practices.
245	MS ISO 17714:2009	METEOROLOGY - AIR TEMPERATURE MEASUREMENTS - TEST METHODS FOR COMPARING THE PERFORMANCE OF THERMOMETER SHIELDS/SCREENS AND DEFINING IMPORTANT CHARACTERISTICS (ISO 17714:2007, IDT)	Z	26/05/2016	The meteorological sector in Malaysia has been referring to the World Meteorological Organization (WMO) Guide to Meteorological Instruments and Methods of Observation (WMO-No.8) for the uniformity and standardization of internationally accepted meteorological data and best practices.
246	MS 2305:2010	PRACTICE FOR SAMPLING UNCONSOLIDATED SOLIDS IN DRUMS OR SIMILAR CONTAINERS	Z	01/12/2016	MS 2305:2010 is proposed to be withdrawn as there is a regulated reference available from Department of Environment Malaysia namely "Prosedur Tetap Operasi Persampelan Buangan Terjadual di Bawah Seksyen 48AB, Akta Kualiti Alam Sekeliling 1974".
247	MS 2476:2012	GUIDELINES FOR DISPOSAL OF LABORATORY CHEMICAL WASTES (LCW)	Z	01/12/2016	MS 2476:2012 is proposed to be withdrawn as there is a regulated reference available from Department of Environment Malaysia namely "Guidelines on the disposal of chemical wastes from laboratories".