



'CEPAT DAN MESRA'

Ruj. Tuan :
(Your Ref)
Ruj. Kami : JBPM/IP/BKK:700-7/1/1/1 (14)
(Our Ref)
Tarikh : 26 April 2012
(Date)

YS Pengarah, Jabatan Bomba dan Penyelamat Negeri Selangor,
YS Pengarah, Jabatan Bomba dan Penyelamat W.P. Kuala Lumpur,
YS Pengarah, Jabatan Bomba dan Penyelamat Negeri Johor,
YS Pengarah, Jabatan Bomba dan Penyelamat Negeri Pulau Pinang,
YS Pengarah, Jabatan Bomba dan Penyelamat Negeri Pahang,
YS Pengarah, Jabatan Bomba dan Penyelamat Negeri Perak,
YS Pengarah, Jabatan Bomba dan Penyelamat Negeri Sarawak,
YS Pengarah, Jabatan Bomba dan Penyelamat Negeri Sabah,
YS Pengarah, Jabatan Bomba dan Penyelamat Negeri Kedah,
YS Pengarah, Jabatan Bomba dan Penyelamat Negeri Sembilan,
YS Pengarah, Jabatan Bomba dan Penyelamat Negeri Terengganu,
YS Pengarah, Jabatan Bomba dan Penyelamat Negeri Kelantan,
YS Pengarah, Jabatan Bomba dan Penyelamat Negeri Melaka,
YS Pengarah, Jabatan Bomba dan Penyelamat Negeri Perlis,
YS Pengarah, Jabatan Bomba dan Penyelamat W.P. Labuan,
YS Pengarah, Jabatan Bomba dan Penyelamat W.P. Putrajaya,

YS Dato'/Tuan,

PINDAAN ARAHAN PENCEGAH DAN KESELAMATAN KEBAKARAN BIL.1/2007: PENGEMUKAAN LAMPIRAN C1, C2 DAN C3 UNTUK ALAT PEPASANGAN KESELAMATAN KEBAKARAN, PINTU RINTANGAN API DAN BAHAN BINAAN YANG TELAH MENDAPAT SIJIL PERAKUAN BAHAN

Saya dengan hormatnya merujuk kepada perkara di atas dan Majlis Perundingan JBPM bersama Badan Profesional bertarikh 17 Februari 2012 adalah berkaitan.

2. Surat ini bertujuan meminda Arahan Pencegah dan Keselamatan Kebakaran Bil.1/2007: Pengemukaan Lampiran C1, C2 dan C3 untuk Alat Pemasangan Keselamatan Kebakaran, Pintu Rintangan Api dan Bahan Binaan yang telah mendapat Sijil Perakuan Bahan seperti berikut;



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2.1. Perkara 4.1, 4.2 dan 4.3 dipinda seperti berikut;

Lampiran C1: Sijil Pengeluar / Pembekal – iaitu pengesahan oleh pihak pengeluar / Pembekal ke atas pengeluaran atau pembekalan ke atas Bahan Binaan / Pintu Rintangan Api / Alat Pemasangan Keselamatan Kebakaran yang telah mendapat Sijil Perakuan Bahan bagi sesuatu projek dan disahkan oleh orang yang bertanggungjawab syarikat pengeluar/pembekal tersebut. Maklumat syarikat yang mengeluarkan/membekal hendaklah seperti mana yang dicatat di dalam Sijil Perakuan Bahan.

Lampiran C2: Sijil Memasang – iaitu pengesahan oleh pihak kontraktor pemasangan ke atas pemasangan Bahan Binaan / Pintu Rintangan Api / Alat Pemasangan Keselamatan Kebakaran yang telah mendapat Sijil Perakuan Bahan bagi sesuatu projek dan disahkan oleh orang yang bertanggungjawab dalam syarikat kontraktor memasang Bahan Binaan / Pintu Rintangan Api / Alat Pemasangan Keselamatan Kebakaran tersebut.

Lampiran C3: Sijil Pengawasan – iaitu pengesahan pengawasan pemasangan ke atas Bahan Binaan / Pintu Rintangan Api / Alat Pemasangan Keselamatan Kebakaran oleh pihak professional iaitu akitek atau jurutera bagi mengesahkan pemasangannya menurut spesifikasi dan syarat-syarat Sijil Perakuan Bahan.

2.2. Pindaan ke atas Lampiran C1, C2 dan C3 adalah seperti di Lampiran A.

2.3. Senarai Alat Pemasangan Keselamatan Kebakaran, Pintu Rintangan Api dan Bahan Binaan yang telah mendapat Sijil Perakuan Bahan yang perlu mengemukakan Lampiran C1, C2 dan C3 adalah seperti di Lampiran B.

4. Arahan ini berkuatkuasa serta-merta mulai tarikh ianya dikeluarkan.

Sekian, terima kasih.

“BERKHIDMAT UNTUK NEGARA”

“1 Malaysia” Rakyat didahulukan, Pencapaian diutamakan.

Saya yang menurut perintah.

(DATO' WAN MOHD. NOR BIN HJ. IBRAHIM)

Ketua Pengarah,
Jabatan Bomba dan Penyelamat Malaysia.



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CERT. NO : AR 5037

- s.k. i. YAS Timbalan Ketua Pengarah (Operasi)
- ii. YAS Timbalan Ketua Pengarah (Pembangunan)
- iii. President, The Institution of Fire Engineers (UK) Malaysia Branch
- iv. President, The Institution of Engineers, Malaysia (IEM)
- v. President, The Association of Consulting Engineers Malaysia (ACEM)
- vi. President, Pertubuhan Akitek Malaysia (PAM)
- vii. President, Malaysia Fire Protection Association (MFPA)

SIJIL PENGELUAR / PEMBEKAL

NO. RUJUKAN : ALAMAT PENGILANG / PEMBEKAL :
NO. SIRI :
TARIKH :

LOKASI / PREMIS PROJEK :
.....
.....

NO. RUJUKAN JABATAN : JBPM/.....

KEPADA : **(Alamat Jabatan Bomba dan Penyelamat yang berkenaan)**

Adalah saya memperakui bahawa bahan binaan/pintu rintangan api/alat pemasangan keselamatan kebakaran iaitu: -

No. Siri	Pintu Rintangan Api*	Alat-alat*	Bahan*	Sistem Binaan

**Sila isi yang berkenaan sahaja*

Bagi premis di atas telah dibekal / dipasang mengikut Sijil Perakuan Bahan No: dan lain-lain kehendak Jabatan Bomba dan Penyelamat Malaysia.

Nama :
No. Kad Pengenalan :

T/Tangan Orang Yang Bertanggungjawab :



SIJIL MEMASANG

NO. RUJUKAN :

ALAMAT SYARIKAT MEMASANG :

.....
.....
.....

LOKASI / PREMIS PROJEK :

.....
.....

NO. RUJUKAN JABATAN : JBPM/.....

KEPADA : **(Alamat Jabatan Bomba dan Penyelamat yang berkenaan)**

Adalah saya memperakui bahawa bahan binaan/pintu rintangan api/alat pemasangan keselamatan kebakaran iaitu: -

No. Siri	Pintu Rintangan Api*	Alat-alat*	Bahan*	Sistem Binaan

**Sila isi yang berkenaan sahaja*

Bagi premis di atas telah dipasang mengikut Sijil Perakuan Bahan No: dan lain-lain kehendak Jabatan Bomba dan Penyelamat Malaysia.

Nama :

No. Kad Pengenalan :

T/Tangan Orang Yang Bertanggungjawab :



SIJIL PENGAWASAN

NO. RUJUKAN : ALAMAT AKITEK /JURUTERA:
 NO. SIRI :
 TARIKH :

LOKASI / PREMIS PROJEK :

NO. RUJUKAN JABATAN : JBPM/BPK/

KEPADA : **(Alamat Jabatan Bomba dan Penyelamat yang berkenaan)**

Adalah saya memperakui bahawa binaan/pintu rintangan api/alat pemasangan keselamatan kebakaran iaitu: -

No. Siri	Pintu Rintangan Api*	Alat-alat*	Bahan*	Sistem Binaan

**Sila isi yang berkenaan sahaja*

Bagi premis di atas telah dijalankan / diawasi oleh saya / kami / agen yang berhak/ penyelia dan mengikut Sijil Perakuan Bahan No: dan lain-lain kehendak Jabatan Bomba dan Penyelamat Malaysia serta bertanggungjawab di atas pemasangan tersebut.

Nama :
 No. Kad Pengenalan :
 T/Tangan Orang Yang Berkelayakan -
 Akitek / Jurutera Berdaftar :



SENARAI BAHAN BINAAN DAN ALAT PEPASANGAN KESELAMATAN KEBAKARAN YANG DIKAWAL DAN PERLU KEMUKAKAN LAMPIRAN C1, C2 DAN C3

BIL	BAHAN / ALAT KELENGKAPAN	PIAWAIAN MALAYSIA		PIAWAIAN ANTARABANGSA	
		NO. PIAWAIAN	TAJUK PIAWAIAN	NO. PIAWAIAN	TAJUK PIAWAIAN
1	Lampu Tanda Keluar (Keluar Sign)	MS 983:2000	Specification for 'KELUAR' Signs(Internally Illuminated)		
		MS 619: PART 2-22:2005	Luminaires PART 2-22: Particular Requirements – Luminaires for Emergency Lighting (First Revision) (IEC 60598-2-22:1997 and Amd. 1:2002, MOD)		
		MS IEC 60598-1:2003	Luminaires Part 2-22: Particular Requirements – Luminaires for Emergency Lighting (First Revision) (IEC 60598-2-22:1997 and Amd. 1:2002, MOD)		
2	Lampu Kecemasan (Emergency light)	MS 619: PART 2-22:2005	Luminaires Part 2-22: Particular Requirements – Luminaires for Emergency Lighting (First Revision) (IEC 60598-2-22:1997 and Amd. 1:2002, MOD)		
		MS IEC 60598-1:2003	Luminaires Part 2-22: Particular Requirements – Luminaires for Emergency Lighting (First Revision) (IEC 60598-2-22:1997 and Amd. 1:2002, MOD)		
3	Pintu Rintangan Api (Fire Door)	MS 1073: PART 2:1996	Specification for Fire Resistant Doorsets Part 2 : Methods for Determination of the Fire Resistance - General Principles		
		MS 1073: PART 3:1996, Including AMD. 1:2003	Specification for Fire Resistance Doorsets : Part 3: Methods for Determination of the Fire Resistance - Type of Doorsets		
4	Sesekat Api (Fire Damper)	MS 555: PART 1:2003	Fire Dampers: Part 1: Specification	BS 476:Part 20:1987	Fire Tests on Building Materials and Structures. Method for Determination of the Fire Resistance of Elements of Construction (General Principles)
		MS 555: PART 2:2003	Fire Dampers: Part 2: Installation		

			(SECOND REVISION)		
				UL	Underwriter Laboratory
				FM	Factory Mutual
5	Gegelung Api (Fire Roller Shutter)	MS 1073: PART 3:1996, Including AMD. 1:2003	Specification for Fire Resistance Doorsets : Part 3: Methods for Determination of the Fire Resistance - Type of Doorsets	BS 476:Part 22:1987	Fire Tests on Building Materials and Structures. Methods for Determination of the Fire Resistance of Non-Loadbearing Elements of Construction
6	Batu Bata (Bricks)	MS 76 : 1972	Specification for Bricks & Blocks of Brickearth Clay or Shale Part 2 Metric Units	BS 476-21:1987	Fire Tests on Building Materials and Structures. Methods for Determination of the Fire Resistance of Loadbearing Elements of Construction
				BS 476-22:1987	Fire Tests on Building Materials and Structures. Methods for Determination of the Fire Resistance of Non-Loadbearing Elements of Construction
				BS 6073-1:1981	Precast Concrete Masonry Units. Specification for Precast Concrete Masonry Units
7	Bahan-bahan Kelas 'O' (Class 'O')	TIADA	TIADA	BS 476:Part 6:1989,	Fire Tests on Building Materials and Structures. Method of Test for Fire Propagation for Products
				BS 476:Part 7:1997	Fire Tests on Building Materials and Structures. Method of Test to Determine the Classification of the Surface Spread of Flame of Products
8	Pengadang Api (Firestop)	TIADA	TIADA	BS 476-20:1987	Fire Tests on Building Materials and Structures. Method for Determination of the Fire Resistance of Elements of Construction (General Principles)
				BS 476-21:1987	Fire Tests on Building Materials and Structures. Methods for Determination of the Fire Resistance of Loadbearing Elements of Construction
				UL	Underwriter Laboratory
				FM	Factory Mutual

9	Dinding Drywall (Drywall Construction)	TIADA	TIADA	BS 476:Part 22:1987	Fire Tests on Building Materials and Structures. Methods for Determination of the Fire Resistance of Non-Loadbearing Elements of Construction
10	Blok Konkrit Rongga (Hollow Concrete Block)	TIADA	TIADA	BS 476:Part 22:1987	Fire Tests on Building Materials and Structures. Methods for Determination of the Fire Resistance of Non-Loadbearing Elements of Construction
11	Pintu Pelantar Lif Tahan Api (Fire Rated Lift Landing Door)	TIADA	TIADA	BS 476-21:1987	Fire Tests on Building Materials and Structures. Methods for Determination of the Fire Resistance of Loadbearing Elements of Construction
				BS 476:Part 22:1987	Fire Tests on Building Materials and Structures. Methods for Determination of the Fire Resistance of Non-loadbearing Elements of Construction
12	Alat Pengesan Asap (Smoke Detector)	MS 1745: PART 15:2006	Fire Detection and Fire Alarm Systems – Part 15: Multisensor Fire Detectors	BS 5445:Part 7:1984	Components of Automatic Fire Detection Systems. Specification for Point-Type Smoke
				BS EN 54:Part 7:2001	Fire Detection and Fire alarm Systems. Smoke Detectors. Point Detectors Using Scattered Light, Transmitted Light or Ionization
				UL	Underwriter Laboratory
				FM	Factory Mutual
13	Alat Pengesan Haba (Heat Detector)	MS 1745: PART 5:2005	Fire Detection and Fire Alarm Systems - Part 5: Heat Detectors - Point Detectors	BS 5445:Part 5:1984	Components of Automatic Fire Detection Systems. Heat Sensitive Detectors - Point Detectors Containing a Static Element
		MS 1745: PART 15:2006	Fire Detection and Fire Alarm Systems – Part 15:		

			Multisensor Fire Detectors	BS EN 54:Part 5:2001	Fire Detection and Fire Alarm Systems. Heat Detectors. Point Detectors
				UL	Underwriter Laboratory
				FM	Factory Mutual
14	Penggera Kebakaran Manual (Manual Fire Alarm)	MS 1745: Part 11: 2004	Fire Detection and Fire Alarm Systems – Part 11: Manual Call Points	BS 5839:Part 4:1988,	Fire Detection and Alarm Systems for Buildings. Specification for Control and Indicating Equipment
				UL	Underwriter Laboratory
				FM	Factory Mutual
15	Loceng Penggera (Alarm Bell)	MS 1745:PART 3:2004	Fire Detection and Fire Alarm Systems – Part 3: Audible Fire Alarm Devices	BS EN 54:Part 3:2001	Fire Detection and Fire Alarm Systems. Fire Alarm Devices. Sounders
				UL	Underwriter Laboratory
				FM	Factory Mutual
16	Kabel Rintangan Api (Fire Resistant Cable)	TIADA	TIADA	BS 6387:1994 (CWZ)	Tests for Fire Resistance Characteristics for Category C, W, Z
				SS 229:Part 1:1998	Tests for Fire Resistance Characteristics for Category C, W, Z
17	Gelung Hos Hidraulik (Hose reel)	MS 1447:Part 1:2006	Fixed Firefighting Systems - Hose Systems - Part 1: Hose Reels With Semi-Rigid Hose	BS EN 671-1:2001	Fixed Fire Fighting Systems. Hose Systems. Hose Reels with Semi-Rigid Hose
		MS 1488:1999	Fire Fighting Hoses - Semi-Rigid Hoses for Fixed Systems		
18	Kepala Springkler (Springkler Head)	TIADA	TIADA	ANSI/UL 199:1982	Automatic Sprinklers for Fire-Protection Service

19	Saluran Tahan Api (Fire Rated Duct)	TIADA	TIADA	AS 1530.4:2005	Methods for Fire Tests on Building Materials, Components and Structures - Fire-Resistance Test of Elements of Construction
				BS 476:Part 24:1987	Fire Test on Building Materials and Structures. Method of Test for Fire Propagation for Products
20	Tirai Asap (Smoke Curtain)	TIADA	TIADA	BS 476-6:1989	Fire Tests on Building Materials and Structures. Method of Test for Fire Propagation for Products
				BS 476-7:1997	Fire Tests on Building Materials and Structures. Method of Test to Determine the Classification of the Surface Spread of Flame fo Products
21	Sistem Pengeluaran Asap (Smoke Extraction System)	MS 1780:2005	Smoke Control System Using Natural (Displacement) or Powered (Extraction) Ventilation	AS/NZS 1668.1:1998	The use of Ventilation and Airconditioning in Buildings - Fire and Smoke Control in Multi-Compartment Buildings
				BS 7346:Part 2:1990	Components for Smoke and Heat Control Systems. Specification for Powered Smoke and Heat Exhaust Ventilators
				BS EN 12101-2:2003	Smoke and Heat Control Systems. Specification for Natural Smoke and Heat Exhaust Ventilators
22	Panel Penggera Kebakaran (Fire Alarm Control Panel)	MS 1745:2004	Fire Detection and Fire alarm Systems – Part 3: Audible Fire Alarm Devices	UL 864	Control Units and Accessories for Fire Alarm Systems
				UL 1711	Amplifiers for Fire Protective Signaling Systems
				EN 54-2	Fire Detection and Fire Alarm Systems. Control and Indicating Equipment
				BS 5839:2:1983	Fire Detection and Alarm Systems for Buildings. Specification for Manual Call Points

				AS 1603:Part 4:1987	Automatic Fire Detection and Alarm Systems - Control and Indicating Equipment
				AS/NZS 4512:1999	Ultrasonics - Surgical Systems - Measurement and Declaration of the Basic Output Characteristics
				EN 54-2:1997 +A1:2006	Fire Detection and Fire Alarm Systems . Control and Indicating Equipment
				AS 4428.1:1998	Fire Detection, Warning, Control and Intercom Systems - Control and Indicating Equipment - Fire
				BS 5445:Part 7:1984	Components of Automatic Fire Detection Systems. Specification for Point-Type Smoke
				NFPA-72 (2010)	National Fire Alarm and Signaling Code
23	Fire Suppression System (Halon Alternatives)	MS 1746: PART 1:2008	Gaseous Fire-Extinguishing Systems - Physical Properties and System Design - Part 1: General Requirements (First Revision) (ISO 14520-1:2006, MOD)	NFPA 2010:2006	Standard for Fixed Aerosol Fire Extinguishing Systems
				NFPA 2001:2000	Standard on Clean Agent Extinguishing Systems
		MS 1746: PART 8:2008	Gaseous Fire-Extinguishing Systems - Physical Properties and System Design - Part 8: HFC 125 Extinguishant (First Revision) (ISO 14520-8:2006, IDT)	UL 1058	Halogenated Agent Extinguishing Systems Units
				UL 2166	Halocarbon Clean Agent Extinguishing System Units
				AS/NZS 4487:1997	Pyrogen Fire Extinguishing Systems
		MS 1746: PART 9:2008	Gaseous Fire-Extinguishing Systems - Physical Properties and System Design - Part 9: HFC 227ea Extinguishant (First Revision) (ISO 14520-9:2006, IDT)	VdS 2344en:2005 -12	Testing, Approval and Evaluation of Conformity of Equipment, Components and Systems for Fire Protection and Security Technologies, Procedures
		MS 1746: PART 10:2008	Gaseous Fire-Extinguishing Systems - Physical Properties and System Design - Part 10: HFC 23 Extinguishant (First Revision) (ISO 14520-10:2005, IDT)	ISO 14520-Part 1-15	Gaseous Fire-Extinguishing Systems - Physical Properties and System Design

	MS 1746: PART 11:2008	Gaseous Fire-Extinguishing Systems - Physical Properties and System Design - Part 11: HFC 236fa Extinguishant (First Revision) (ISO 14520-11:2005, IDT)		
	MS 1746: PART 12:2008	Gaseous Fire-Extinguishing Systems - Physical Properties and System Design - Part 12: IG-01 Extinguishant (First Revision) (ISO 14520-12:2005, IDT)		
	MS 1746: PART 13:2008	Gaseous Fire-Extinguishing Systems - Physical Properties and System Design - Part 13: IG-100 Extinguishant (First Revision) (ISO 14520-13:2005, IDT)		
	MS 1746: PART 14:2008	Gaseous Fire-Extinguishing Systems - Physical Properties and System Design - Part 14: IG-55 Extinguishant (First Revision) (ISO 14520-14:2005, IDT)		
	MS 1746: PART 15:2008	Gaseous Fire-Extinguishing Systems - Physical Properties and System Design - Part 15: IG-541 Extinguishant (First Revision) (ISO 14520-15:2005, IDT)		