



JABATAN KERJA RAYA MALAYSIA
CAWANGAN KEJURUTERAAN ELEKTRIK
UNIT PENSIJILAN BAHAN & STANDARD

TECHNICAL INFORMATION

PVC INSULATED CABLE

A. COMPANY INFORMATION						
COMPANY NAME :						
ADDRESS :				TELEPHONE NO :		
				FAX NO :		
				COMPANY EMAIL :		
ISO CERTIFIED COMPANY			REGISTRATION NO:		SCOPE:	
1. ISO 9001	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO
2. ISO 14001	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO
3. ISO 50001	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO
4. ISO	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO

B. PRODUCT INFORMATION	
BRAND NAME :	
TYPE OF CABLES [Tick (v) TYPE APPLIED]	
1. PVC-INSULATED CABLES (SHEATHED & NON-SHEATHED) FOR ELECTRIC POWER & LIGHTING	(.....)
2. PVC-INSULATED CABLES (ARMOURED & NON-ARMOURED) FOR ELECTRICITY SUPPLY	(.....)
STANDARD NO.: (MS IEC/IEC/etc.)	
CERTIFICATE OF APPROVAL : (SURUHANJAYA TENAGA, if any)	DATE OF ISSUE:
	VALID UNTIL:
PRODUCT CERTIFICATION : LICENSE (SIRIM/OTHER)	DATE OF ISSUE:
	VALID UNTIL:
COUNTRY OF MANUFACTURE:	
NAME OF MANUFACTURER:	
FACTORY ADDRESS :	

Please Tick: Yes No - Office use

C. PRODUCT SPECIFICATION / STANDARD

Note: For fixed installation only used PVC insulated cable size up to 1.5 sq.mm and above

1.0. PVC-INSULATED CABLES (SHEATHED & NON-SHEATHED) FOR ELECTRIC POWER & LIGHTING

No	Test Report	Date of Issue	Testing Laboratory

- 1.1 PVC insulated cables 450V /750V comply to MS 2112-3 Yes No
- 1.2 PVC insulated PVC sheathed cables 300V/500V & comply to MS 2112-4 Yes No
- 1.3 PVC insulated cables comply to MS 2112-1, & MS 2112-2 Yes No
- 1.4 Other cable (please specify) Yes No

- 1.5 The conductor shall be Class 2 plain annealed copper comply to IEC 60228 Yes No
- 1.6 The resistance of each conductor at 20°C shall be in accordance with requirements of IEC 60228 Yes No
- 1.7 Insulation suitable for continuous operation at maximum temperature of 70° C Yes No
- 1.8 Type of insulation is PVC/C-70 for cable of fixed installation Yes No
- 1.9 Type of sheath is PVC/ST4-70 for cable of fixed installation Yes No
- 1.10 Marking by printing or by embossing on the insulation or sheath Yes No
- 1.11 Marking shall be durable and legible Yes No
- 1.12 Marking distance between the end and start of each complete set of element shall be not exceed 550mm Yes No
- 1.13 Marking on the external surface with at least the following elements; Manufacturer's identification, Voltage designation, Nominal area of conductor and Standard Numbers & comply to MS2112-1. Yes No

2.0. PVC-INSULATED CABLES FOR ELECTRICITY SUPPLY

No	Test Report	Date of Issue	Testing Laboratory

- 2.1 Single core PVC insulated cables 600V/1000V- non –
armoured & comply to MS 2100 Yes No
- 2.2 Single core PVC insulated cables 600V/1000V-
armoured & comply to MS 2101 Yes No
- 2.3 Multi core PVC insulated cables 600V/1000V- non –
armoured & comply to MS 2102 Yes No
- 2.4 Multi core PVC insulated cables 600V/1000V- armoured
& comply to MS 2103 Yes No
- 2.5 Other cable (please specify) Yes No
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- 2.6 The conductor shall be Class 2 plain annealed copper
comply to IEC 60228 Yes No
- 2.7 Insulation suitable for continuous operation maximum
temperature of 70° & comply to IEC 60502-1 Yes No
- 2.8 Marking shall be durable and legible Yes No
- 2.9 Marking distance between the end and start of each
complete set of element shall be not exceed 250mm Yes No
- 2.10 Marking on the external surface with at least the
following elements; Manufacturer's identification,
Voltage designation, Nominal area of conductor and
Standard Numbers. Yes No

D. LIST OF MATERIAL

Note: Please submit copy of mill certificate for all material below.

No.	Name of part	Manufacturer	Type of Material	Approval Lab	Mill Cert No.
1	Conductor				
2	Insulation				
3	Filler				
4	Core wrapping				
5	Inner sheath				
6	Armouring				
7	Outer sheath				
8	Others :.....				

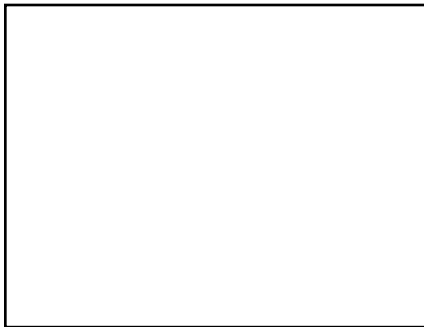
E. LIST OF MODEL

No.	Model	Rated Voltage (V)	Size (sq.mm)	No.of Core

F. PENGESAHAN

Adalah saya dengan ini mengesahkan segala keterangan yang diberikan/dikemukakan bagi produk di atas adalah benar. Jika saya didapati membuat pengakuan **PALSU**, maka tindakan seterusnya boleh diambil oleh pihak JKR ke atas diri dan syarikat diwakili oleh saya.

Cop Syarikat :



Tandatangan :

Nama :

Jawatan :

Tarikh :

G. ULASAN (*Untuk Kegunaan Pejabat*)

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