



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

TECHNICAL INFORMATION

CABLE TRAY SYSTEM

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 :	
MODEL : 1. 4. 2. 5. 3. 6.	
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:
TEST REPORT NO.:	TESTING LABORATORY:
	DATE OF ISSUE:
COUNTRY OF MANUFACTURED:	
NAME OF MANUFACTURER:	
FACTORY ADDRESS :	

TECHNICAL INFORMATION

CABLE TRAY SYSTEM

C. PRODUCT SPECIFICATION/STANDARD

1.0 CABLE TRAY SYSTEM

*For
JKR Use*

- 1.1 Cable tray system shall be tested and manufactured to comply with MS IEC 61537 Yes No
- 1.2 Fabricated from perforated galvanized sheet steel and finished complete with accessories bends, tee pieces, adaptor & others. Yes No
- 1.3 The minimum thickness of the sheet metal shall be 1.5mm for cable trays with widths up to & including 300mm. Yes No
- 1.4 The minimum thickness of the sheet metal shall be 2.0mm for cable trays with widths exceeding 300mm. Yes No
- 1.5 The minimum thickness of the sheet metal of the perforated hot dipped galvanized cable trays shall be 2.0mm. Yes No

2.0 CABLE TRAY SYSTEM INSTALLATIONS

- 2.1 Cable tray may be suspended from floor slabs by hanger or mounted walls on vertical structure by brackets at 600mm intervals. Yes No
- 2.2 If the method above (2.1) is not feasible or practical, suitable floor mounted mild steel structures shall be provided. Yes No
- 2.3 All supports, hangers & structure shall be robust in construction & can cater for the weight of the cables & tray supported on them so the cable & cable trays will not sag. Yes No
- 2.4 All supports, hangers, bracket & structures shall be anti-rusted, finished in primer and coated with standard orange enamel. Yes No
- 2.5 All supports, hangers, bracket & structures for the perforated hot dipped galvanized cable trays shall also be of hot dipped galvanized type. Yes No
- 2.6 Fixing clips cleat for cable trays shall be installed by means of bolts, washers & nuts Yes No
- 2.7 All tee, intersection units, adaptor units shall be manufactured with the same cable tray Manufacturer. Yes No

3.0 CABLE TRAY SYSTEM FOR COASTAL AREA INSTALLATIONS

- 3.1 Cable tray system shall be of hot dipped galvanized sheet steel. Yes No
- 3.2 All bends, tee pieces, adaptor & others shall be same thickness as straight cable tray and shall. Yes No
- 3.3 All bends, tee pieces, adaptor & others shall be same type manufactured and supplied by the same cable trays manufacturer. Yes No
- 3.4 Any cut edges shall be painted with galvanized paint. Yes No
- 3.5 All screws and nuts used shall be made from brass/stainless steel
Material: Yes No
- 3.6 All support accessories such as angle iron, brackets, etc. shall be of hot dipped galvanized sheet steel. Yes No
- 3.7 Hot dipped galvanized standard: Yes No

TECHNICAL INFORMATION

D. TYPE & DIMENSION (Please attach technical specification and catalogue)					
Item	Model	Height(mm)	Width(mm)	Thickness(mm)	Length (mm)
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					

E. Accessories List (Please list)			
1.		6.	
2.		7.	
3.		8.	
4.		9.	
5.		10.	

F. Material List (Please list and attach relevant document)				
Item	Name of Material	Manufacturer	Type of Material	Mill Certificate/Approval Lab (attach relevant document)
1.				
2.				
3.				
4.				
5.				

G. Method of Installation *(please specify and attach relevant drawing/diagram)*

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H. Method of Maintenance *(please specify and attach relevant drawing/diagram)*

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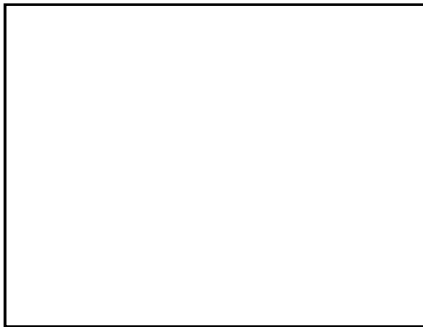
I. Others *(please specify and attach relevant document)*

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J. 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 :

K. ULASAN (Untuk Kegunaan Pejabat)

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