



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

TECHNICAL INFORMATION

CABLE TRUNKING 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 :	
CABLE MANAGEMENT SYSTEM CATEGORY: Normal trunking system/Raisedfloor trunking system /Flushfloor trunking system/Underfloor trunking system	
MODEL	: 1. 2. 3. 4. 5. 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 :	

C. PRODUCT SPECIFICATION/STANDARD

1.0 CABLE TRUNKING SYSTEM

*For
JKR Use*

1.1 Cable trunking system shall be tested and manufactured to comply with MS IEC 61084 Yes No

1.2 Fabricated from galvanized sheet steel:
i) Electrogalvanized steel Yes No
ii) Hot dipped galvanized steel Yes No

1.3 Finished with:
i) Epoxy oven baked Yes No
ii) Two coats of standard orange enamel Yes No

1.4 Cable trunking equipped with removable cover at suitable intervals Yes No

1.5 Cable trunking shall have the following minimum wall thickness:

Nominal Size	Minimum Wall Thickness
70mm X 50 mm and below	1.0mm.
75mm X 50 mm to 100mm X 100mm	1.2mm.
150mm X 50 mm to 300mm X 150mm	1.6mm.

Yes No
 Yes No
 Yes No

If others from the above please specify:

Nominal Size	Wall Thickness

1.6 All trunking elbows, offset and combination elbows, adaptors and tees shall be :
i) Same thickness as the straight trunking Yes No
ii) Manufactured by the same trunking manufacturer Yes No

1.7 Hot dipped galvanized standard:

2.0 CABLE TRUNKING SYSTEM INSTALLATIONS

2.1 Trunking shall be supported by fixing brackets so that the trunking will not be in contact with the wall or floor slabs. Yes No

2.2 The bracket shall be installed at interval not greater than **1500mm** for vertical run. Yes No

2.3 The bracket shall be installed at interval not greater than **1000mm** for horizontal run. Yes No

2.4 The bracket shall be derusted, finished in a primer and coated with standard orange enamel. Yes No

C. PRODUCT SPECIFICATION/STANDARD		
2.5	Wherever the trunking passes through a floor or a fire resistant wall, fire resisting barrier shall be provided.	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.6	When conduit is tapped from the trunking, suitable brass type smoother bushes shall be fitted at all conduit termination.	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.7	All trunking joints shall be bridged by means of tinned copper tape of dimension not less than 25mm X 3mm	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.8	Cable Management System Category:	
	i) Normal Trunking System/	<input type="checkbox"/> Yes <input type="checkbox"/> No
	ii) Raisedfloor Trunking System/	<input type="checkbox"/> Yes <input type="checkbox"/> No
	iii) Flushfloor Trunking System/	<input type="checkbox"/> Yes <input type="checkbox"/> No
	iv) Underfloor Trunking System.	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.9	Accessories for Raisedfloor Trunking System shall include Flexible steel conduit c/w adaptor.	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.0 CABLE TRUNKING SYSTEM FOR COASTAL AREA INSTALLATIONS		
3.1	Cable trunking system shall be of hot dipped galvanized sheet steel.	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.2	All trunking elbows, offset and combination elbows, adaptors and tees shall be :	
	i) Same thickness as the straight trunking	<input type="checkbox"/> Yes <input type="checkbox"/> No
	ii) Manufactured by the same trunking manufacturer	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.3	Any cut edges shall be painted with galvanized paint.	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.4	All screws and nuts used shall be made from brass/stainless steel Material:.....	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.5	All support accessories such as angle iron, brackets, etc. shall be of hot dipped galvanized sheet steel.	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.6	Hot dipped galvanized standard:.....	

TECHNICAL INFORMATION

CABLE TRUNKING SYSTEM

D. TYPE & DIMENSION *(Please attach technical specification and catalog)*

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 <i>(please specify and attach relevant drawing/diagram)</i>
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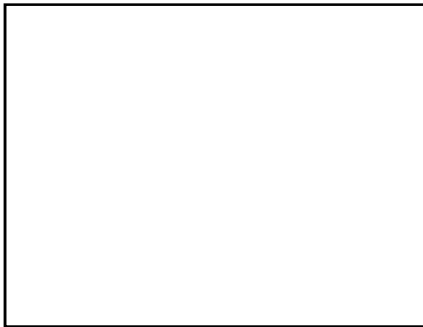
H. Method of Maintenance <i>(please specify and attach relevant drawing/diagram)</i>
.....

I. Others <i>(please specify and attach relevant document)</i>
.....

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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