



KEMENTERIAN PEMBANGUNAN
NEGARA BRUNEI DARUSSALAM

BARANGAN YANG DILULUSKAN

Rujukan barangan yang diluluskan : (1547) KPN/CPU/C/8.0
Tarikh dikeluarkan : 20th July 2011
Tarikh Mansuh : 19th JULY 2016

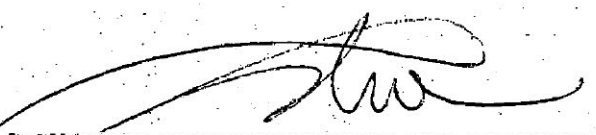
Dengan ini diakui bahawa, Syarikat Elektrik Bobby Sdn Bhd., Unit 9, G/F, Block B, Abdul Razak Complex 4 Km, Jalan Gadong BE3519, Negara Brunei Darussalam, telah mengikuti skim persijilan barangan Kementerian Pembangunan seperti keterangan di bawah ini :-

Skim Persijilan : Scheme 2
(refer certification procedures STD3/003
Issue No. 11, Revision 27th May 2008)
: The use of these products subject to the user's
specific technical and contractual requirements

Barangan yang diluluskan : **CABLE SUPPORT SYSTEM -
CABLE TRUNKING, CABLE TRAY, CABLE LADDER,
UNDER FLOOR TRUNKING SYSTEM, RAISED FLOOR
SYSTEM**
Note :
Memberikan Tarikh mansuh sehingga 5 tahun, jika
barangan tersebut didapati tidak mengikut "Standard &
Quality" maka kebenaran akan ditarik balik. Sah sehingga
19/07/2016.

Tajuk dan Nombor Piawai (spesikasi) : ISO 9001 : 2008 Quality Management System -
yang berkenaan terhadap persijilan yang : Provision of Quality Management System support
dikehendaki. services such as Training, Purchasing, Sales & Marketing,
Trading and Distribution for the following : manufacture
of Cable Support Systems.

Issued by : SIRIM QAS International
Certificate No. : AR 3230
Certification Validity : 13/05/2013


[PENGIRAN ADNAN BIN PENGIRAN BADARUDIN]
b/p. Setiausaha Tetap (Teknikal & Professional)
Kementerian Pembangunan

THE LIST OF PRODUCTS APPLY TO APPROVE

CABLE TRUNKING

	CABLE TRUNKING PRODUCT CODE	NORMINAL SIZE H (Height) X W (Width) mm	NORMINAL THICKNESS
1	UL/TG/ST - 1/2	25 X 50	1.0
2	UL/TG/ST - 2/2	50 X 50	1.0
3	UL/TG/ST - 2/3	50 X 75	1.2
4	UL/TG/ST - 3/3	75 X 75	1.2
5	UL/TG/ST - 2/4	50 X 100	1.2
6	UL/TG/ST - 3/4	75 X 100	1.2
7	UL/TG/ST - 4/4	100 X 100	1.2
8	UL/TG/ST - 4/6	100 X 150	1.5
9	UL/TG/ST - 6/6	150 X 150	1.5
10	UL/TG/ST - 2/8	50 X 200	1.5
11	UL/TG/ST - 3/8	75 X 200	1.5
12	UL/TG/ST - 4/8	100 X 200	1.5
13	UL/TG/ST - 6/8	150 X 200	1.5
14	UL/TG/ST - 4/10	100 X 250	1.5
15	UL/TG/ST - 6/10	150 X 250	1.5
16	UL/TG/ST - 4/12	100 X 300	1.5
17	UL/TG/ST - 6/12	150 X 300	1.5
	TRUNKING FITTING PRODUCT CODE	NORMINAL SIZE H (Height) X W (Width) mm	NORMINAL THICKNESS
18	UL/TG/A-1	Horizontal Cross	<i>According to Straight Length Thickness</i>
19	UL/TG/A-2	Horizontal Tee	
20	UL/TG/A-3	90 deg Horizontal Elbow	
21	UL/TG/A-4	45 deg Horizontal Elbow	
22	UL/TG/A-5	90 deg Internal Riser	
23	UL/TG/A-6	45 deg Internal Riser	
24	UL/TG/A-7	90 deg External Riser	
25	UL/TG/A-8	45 deg External Riser	
26	UL/TG/A-9	90 deg Horizontal Offset (Right)	
27	UL/TG/A-10	90 deg Horizontal Offset (Left)	
28	UL/TG/A-11	45 deg Horizontal Offset (Right)	
29	UL/TG/A-12	45 deg Horizontal Offset (Left)	
30	UL/TG/A-13	Straight Reducer	

FINISHING - Epoxy Powder Coated to SS249: 1981

Hot Dip Galvanized to BS EN ISO1461:1999(E)

THE LIST OF PRODUCTS APPLY TO APPROVE
TU TYPE CABLE TRAY

	CABLE TRAY (TU TYPE) PRODUCT CODE	H (Height) mm	W (Width) mm	NORMINAL THICKNESS	L (Length) mm
1	UL/TU/ST-1	13	50	1.5	2.44 MTR
2	UL/TU/ST-2	13	100	1.5	
3	UL/TU/ST-3	13	150	1.5	
4	UL/TU/ST-4	17	200	1.5	
5	UL/TU/ST-5	17	300	1.5	
6	UL/TU/ST-6	20	350	1.5	
7	UL/TU/ST-7	20	450	1.5	
8	UL/TU/ST-8	25	500	1.5	
9	UL/TU/ST-9	25	600	2.0	
10	UL/TU/ST-10	25	700	2.0	
11	UL/TU/ST-11	25	800	2.0	
12	UL/TU/ST-12	25	900	2.0	
13	UL/TU/ST-13	25	1000	2.0	

	CABLE TRAY (TU TYPE) PRODUCT CODE	DESCRIPTION	NORMINAL THICKNESS
	UL/TU/AT-1	90 deg Inside Riser	According to Straight Length
	UL/TU/AT-2	90 deg Outside Riser	
	UL/TU/AT-3	90 deg Angle Bend	
	UL/TU/AT-4	90 deg Horizontal Elbow	
	UL/TU/AT-5	Horizontal Tee	
	UL/TU/AT-6	Horizontal Cross	

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THE LIST OF PRODUCTS APPLY TO APPROVE

TC TYPE CABLE TRAY

	CABLE TRAY (TC TYPE) PRODUCT CODE	NORMINAL SIZE (mm) H (Height) X W (Width)	NORMINAL THICKNESS
1	UL/TC/ST 2-2	50 X 50	1.5
2	UL/TC/ST 2-4	50 X 100	1.5
3	UL/TC/ST 2-6	50 X 150	1.5
4	UL/TC/ST 2-8	50 X 200	1.5
5	UL/TC/ST 2-12	50 X 300	1.5
6	UL/TC/ST 2-18	50 X 450	2.0
7	UL/TC/ST 2-24	50 X 600	2.0
8	UL/TC/ST 2-30	50 X 750	2.0
9	UL/TC/ST 2-36	50 X 900	2.0
10	UL/TC/ST 3-4	75 X 100	1.5
11	UL/TC/ST 3-6	75 X 150	1.5
12	UL/TC/ST 3-8	75 X 200	1.5
13	UL/TC/ST 3-12	75 X 300	1.5
14	UL/TC/ST 3-18	75 X 450	2.0
15	UL/TC/ST 3-24	75 X 600	2.0
16	UL/TC/ST 3-30	75 X 750	2.0
17	UL/TC/ST 3-36	75 X 900	2.0
18	UL/TC/ST 4-4	100 X 100	1.5
19	UL/TC/ST 4-8	100 X 200	1.5
20	UL/TC/ST 4-12	100 X 300	1.5
21	UL/TC/ST 4-18	100 X 450	2.0
22	UL/TC/ST 4-24	100 X 600	2.0
23	UL/TC/ST 4-30	100 X 750	2.0
24	UL/TC/ST 4-36	100 X 900	2.0
25	UL/TC/ST 6-12	150 X 300	1.5
26	UL/TC/ST 6-18	150 X 450	2.0
27	UL/TC/ST 6-24	150 X 600	2.0
28	UL/TC/ST 6-30	150 X 750	2.0
29	UL/TC/ST 6-36	150 X 900	2.0

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Hot Dip Galvanized to BS EN ISO1461:1999(E)

c/w all necessary accessories: Internal Riser, External Riser, Tee, Cross, Horizontal Elbow
Splice Plate, Horizontal and Vertical adjustable hinge.

THE LIST OF PRODUCTS APPLY TO APPROVE
TR TYPE CABLE TRAY

	CABLE TRAY (TR TYPE) PRODUCT CODE	NORMINAL SIZE (mm) H (Height) X W (Width)	NORMINAL THICKNESS
1	UL/TR/ST 2-2	50 X 50	1.5
2	UL/TR/ST 2-4	50 X 100	1.5
3	UL/TR/ST 2-6	50 X 150	1.5
4	UL/TR/ST 2-8	50 X 200	1.5
5	UL/TR/ST 2-12	50 X 300	1.5
6	UL/TR/ST 2-18	50 X 450	2.0
7	UL/TR/ST 2-24	50 X 600	2.0
8	UL/TR/ST 2-30	50 X 750	2.0
9	UL/TR/ST 2-36	50 X 900	2.0
10	UL/TR/ST 3-4	75 X 100	1.5
11	UL/TR/ST 3-6	75 X 150	1.5
12	UL/TR/ST 3-8	75 X 200	1.5
13	UL/TR/ST 3-12	75 X 300	1.5
14	UL/TR/ST 3-18	75 X 450	2.0
15	UL/TR/ST 3-24	75 X 600	2.0
16	UL/TR/ST 3-30	75 X 750	2.0
17	UL/TR/ST 3-36	75 X 900	2.0
18	UL/TR/ST 4-4	100 X 100	1.5
19	UL/TR/ST 4-8	100 X 200	1.5
20	UL/TR/ST 4-12	100 X 300	1.5
21	UL/TR/ST 4-18	100 X 450	2.0
22	UL/TR/ST 4-24	100 X 600	2.0
23	UL/TR/ST 4-30	100 X 750	2.0
24	UL/TR/ST 4-36	100 X 900	2.0
25	UL/TR/ST 6-12	150 X 300	1.5
26	UL/TR/ST 6-18	150 X 450	2.0
27	UL/TR/ST 6-24	150 X 600	2.0
28	UL/TR/ST 6-30	150 X 750	2.0
29	UL/TR/ST 6-36	150 X 900	2.0

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c/w all necessary accessories: Internal Riser, External Riser, Tee, Cross, Horizontal Elbow
 Splice Plate, Horizontal and Vertical adjustable hinge.

THE LIST OF PRODUCTS APPLY TO APPROVE
CABLE LADDER LZ TYPE

	CABLE LADDER (LZ) PRODUCT CODE	NORMINAL SIZE H (Height) X W (Width) mm	NORMINAL THICKNESS
1	UL/LZ/ST/4-6	100 X 150	2.0
2	UL/LZ/ST/4-8	100 X 200	2.0
3	UL/LZ/ST/4-10	100 X 250	2.0
4	UL/LZ/ST/4-12	100 X 300	2.0
5	UL/LZ/ST/4-18	100 X 450	2.0
6	UL/LZ/ST/4-20	100 X 500	2.0
7	UL/LZ/ST/4-24	100 X 600	2.0
8	UL/LZ/ST/4-30	100 X 750	2.0
9	UL/LZ/ST/4-36	100 X 900	2.0
10	UL/LZ/ST/6-6	150 X 150	2.0
11	UL/LZ/ST/6-8	150 X 200	2.0
12	UL/LZ/ST/6-10	150 X 250	2.0
13	UL/LZ/ST/6-12	150 X 300	2.0
14	UL/LZ/ST/6-18	150 X 450	2.0
15	UL/LZ/ST/6-24	150 X 600	2.0
16	UL/LZ/ST/6-30	150 X 750	2.0
17	UL/LZ/ST/6-36	150 X 900	2.0
	TRUNKING FITTING PRODUCT CODE	FITTING DESCRIPTION	NORMINAL THICKNESS
18	UL/LZ/EL90	Horizontal Elbow 90 deg	<i>According to Straight Length Thickness</i>
19	UL/LZ/EL45	Horizontal Elbow 45 deg	
20	UL/LZ/ET	Equal Tee	
21	UL/LZ/UT	Uequal Tee	
22	UL/LZ/UC	Uequal Cross	
23	UL/LZ/EC	Equal Cross	
24	UL/LZ/ER	External Riser	
25	UL/LZ/IR	Internal Riser	
26	UL/LZ/VT90	Vertical Tee 90 deg	
27	UL/LZ/LR	Left Reducer	
28	UL/LZ/RR	Right Reducer	
29	UL/LZ/SR	Straight Reducer	
30	UL/LZ/SD	Straight Divider	

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Hot Dip Galvanized to BS EN ISO1461:1999(E)

c/w necessary accessories: Splice Plate, Vertical & Horizontal Adjustable Hinge, End Plate, Hold Down

THE LIST OF PRODUCTS APPLY TO APPROVE
CABLE LADDER LC TYPE

	CABLE LADDER (LC) PRODUCT CODE	NORMINAL SIZE H (Height) X W (Width) mm	NORMINAL THICKNESS
1	UL/LC/ST/4-6	100 X 150	2.0
2	UL/LC/ST/4-8	100 X 200	2.0
3	UL/LC/ST/4-10	100 X 250	2.0
4	UL/LC/ST/4-12	100 X 300	2.0
5	UL/LC/ST/4-18	100 X 450	2.0
6	UL/LC/ST/4-20	100 X 500	2.0
7	UL/LC/ST/4-24	100 X 600	2.0
8	UL/LC/ST/4-30	100 X 750	2.0
9	UL/LC/ST/4-36	100 X 900	2.0
10	UL/LC/ST/6-6	150 X 150	2.0
11	UL/LC/ST/6-8	150 X 200	2.0
12	UL/LC/ST/6-10	150 X 250	2.0
13	UL/LC/ST/6-12	150 X 300	2.0
14	UL/LC/ST/6-18	150 X 450	2.0
15	UL/LC/ST/6-24	150 X 600	2.0
16	UL/LC/ST/6-30	150 X 750	2.0
17	UL/LC/ST/6-36	150 X 900	2.0
	TRUNKING FITTING PRODUCT CODE	FITTING DESCRIPTION	NORMINAL THICKNESS
18	UL/LC/EL90	Horizontal Elbow 90 deg	<i>According to Straight Length Thickness</i>
19	UL/LC/EL45	Horizontal Elbow 45 deg	
20	UL/LC/ET	Equal Tee	
21	UL/LC/UT	Uequal Tee	
22	UL/LC/UC	Uequal Cross	
23	UL/LC/EC	Equal Cross	
24	UL/LC/ER	External Riser	
25	UL/LC/IR	Internal Riser	
26	UL/LC/VT90	Vertical Tee 90 deg	
27	UL/LC/LR	Left Reducer	
28	UL/LC/RR	Right Reducer	
29	UL/LC/SR	Straight Reducer	
30	UL/LC/SD	Straight Divider	

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Hot Dip Galvanized to BS EN ISO1461:1999(E)

c/w necessary accessories: Splice Plate, Vertical & Horizontal Adjustable Hinge, End Plate, Hold Down

THE LIST OF PRODUCTS APPLY TO APPROVE
RAISED FLOOR TRUNKING SYSTEM

ITEM	PRODUCT CODE	PRODUCT DESCRIPTION	LENGTH	THICKNESS / MATERIAL
	<u>Raised floor Trunking</u>			
1	UL-RFT 840/2	40H X 200W 2 Compartments	2.44 MTR	1.2mmT
2	UL-RFT 840/3	40H X 200W 3 Compartments	2.44 MTR	1.2mmT
3	UL-RFT 1240/2	40H X 300W 2 Compartments	2.44 MTR	1.2mmT
4	UL-RFT 1240/3	40H X 300W 3 Compartments	2.44 MTR	1.2mmT
5	UL-RFT 1840/3	40H X 450W 3 Compartments	2.44 MTR	1.2mmT
6	UL-RFT 850/2	50H X 200W 2 Compartments	2.44 MTR	1.2mmT
7	UL-RFT 850/3	50H X 200W 3 Compartments	2.44 MTR	1.2mmT
8	UL-RFT 1250/2	50H X 300W 2 Compartments	2.44 MTR	1.2mmT
9	UL-RFT 1250/3	50H X 300W 3 Compartments	2.44 MTR	1.2mmT
10	UL-RFT 1850/3	50H X 450W 3 Compartments	2.44 MTR	1.2mmT
	<u>Accessories</u>			
11	UL-RFJB/(size)/2	Raised floor Junction Box 2 compartments		1.2mmT
12	UL-RFJB/(size)/3	Raised floor Junction Box 3 compartments		1.2mmT
13	UL-RIB/(size)/2	Riser Bend 2 compartments		1.2mmT
14	UL-RIB/(size)/3	Riser Bend 3 compartments		1.2mmT
15	UL-RFSB/2	315 X 210 X 85(H) 2 compartments		1.2mmT
16	UL-RFSB/3	316 X 210 X 85(H) 3 compartments		1.2mmT
		Raised floor Service Outlet Box		

THE LIST OF PRODUCTS APPLY TO APPROVE
UNDERFLOOR TRUNKING

ITEM	PRODUCT CODE	PRODUCT DESCRIPTION	LENGTH	THICKNESS / MATERIAL
	<u>uPVC Ducting</u>			
1	UFD 223W	uPVC Ducting 25H X 50W	2.9 MTR	2.3mmT
2	UFD 225W	uPVC Ducting 25H X 50W	2.9 MTR	2.5mmT
3	UFD 325W	uPVC Ducting 25H X 75W	2.9 MTR	2.5mmT
4	UFD 332W	uPVC Ducting 25H X 75W	2.9 MTR	3.2mmT
5	UFD 427W	uPVC Ducting 25H X 100W	2.9 MTR	2.7mmT
6	UFD 432W	uPVC Ducting 25H X 100W	2.9 MTR	3.2mmT
7	UFD 232W /38	uPVC Ducting 38H X 50W	2.9 MTR	3.2mmT
8	UFD 332W /38	uPVC Ducting 38H X 75W	2.9 MTR	3.2mmT
9	UFD 432W /38	uPVC Ducting 38H X 100W	2.9MTR	3.2mmT
	<u>Vertical Access Box</u>			
10	UL-LVB 250/2	25H - 50H X 250W 2 compartments		1.6mmT
11	UL-LVB 250/3	25H - 50H X 250W 3 compartments		1.6mmT
12	UL-LVB 300/2	25H - 50H X 300W 2 compartments		1.6mmT
13	UL-LVB 300/3	25H - 50H X 300W 3 compartments		1.6mmT
14	UL-HVB 250/2	38H - 50H X 250W 2 compartments		1.6mmT
15	UL-HVB 250/3	38H - 50H X 250W 3 compartments		1.6mmT
16	UL-HVB 300/2	38H - 50H X 300W 2 compartments		1.6mmT
17	UL-HVB 300/3	38H - 50H X 300W 3 compartments		1.6mmT
	<u>Underfloor Metal Trunking</u>			
18	UL-UFL 150/2/6	25H X 150W 2compartments		1.6mmT
19	UL-UFL 150/3/6	25H X 150W 3compartments		1.6mmT
20	UL-UFL 200/2/6	25H X 200W 2compartments		1.6mmT
21	UL-UFL 225/3/6	25H X 225W 3compartments		1.6mmT
22	UL-UFL 250/3/6	25H X 250W 3compartments		1.6mmT
23	UL-UFL 275/3/6	25H X 275W 3compartments		1.6mmT
24	UL-UFL 300/3/6	25H X 300W 3compartments		1.6mmT
25	UL-UFH 150/2/6	38H X 150W 2compartments		1.6mmT
26	UL-UFH 150/3/6	38H X 150W 3compartments		1.6mmT
27	UL-UFH 200/2/6	38H X 200W 2compartments		1.6mmT
28	UL-UFH 225/3/6	38H X 225W 3compartments		1.6mmT
29	UL-UFH 250/3/6	38H X 250W 3compartments		1.6mmT
30	UL-UFH 275/3/6	38H X 275W 3compartments		1.6mmT
31	UL-UFH 300/3/6	38H X 300W 3compartments		1.6mmT

THE LIST OF PRODUCTS APPLY TO APPROVE
UNDERFLOOR TRUNKING

ITEM	PRODUCT CODE	PRODUCT DESCRIPTION	LENGTH	THICKNESS / MATERIAL
	<u>Underfloor Junction Box</u>			
32	UL-UFJBL 250/2	250 X 250 X 56-72(H) 2 compartments	2.44 MTR	Cast Iron
33	UL-UFJBL 250/3	250 X 250 X 56-72(H) 3 compartments	2.44 MTR	
34	UL-UFJBL 300/2	300 X 300 X 56-72(H) 2 compartments	2.44 MTR	
35	UL-UFJBL 300/3	300 X 300 X 56-72(H) 3 compartments	2.44 MTR	
36	UL-UFJBL 325/3	325 X 325 X 56-72(H) 3 compartments	2.44 MTR	
37	UL-UFJBH 250/2	250 X 250 X 75-95(H) 2 compartments	2.44 MTR	
38	UL-UFJBH 250/3	250 X 250 X 75-95(H) 3 compartments	2.44 MTR	
39	UL-UFJBH 300/2	300 X 300 X 75-95(H) 2 compartments	2.44 MTR	
40	UL-UFJBH 300/3	300 X 300 X 75-95(H) 3 compartments	2.44 MTR	
41	UL-UFJBH 325/3	325 X 325 X 75-95(H) 3 compartments	2.44 MTR	
	<u>Underfloor Service Box</u>			
42	UL-UFSBL 250/2	250 X 250 X 56-72(H) 2 compartments	2.44 MTR	Cast Iron
43	UL-UFSBL 250/3	250 X 250 X 56-72(H) 3 compartments	2.44 MTR	
44	UL-UFSBL 300/2	300 X 300 X 56-72(H) 2 compartments	2.44 MTR	
45	UL-UFSBL 300/3	300 X 300 X 56-72(H) 3 compartments	2.44 MTR	
46	UL-UFSBL 325/3	325 X 325 X 56-72(H) 3 compartments	2.44 MTR	
47	UL-UFSBH 250/2	250 X 250 X 75-95(H) 2 compartments	2.44 MTR	
48	UL-UFSBH 250/3	250 X 250 X 75-95(H) 3 compartments	2.44 MTR	
49	UL-UFSBH 300/2	300 X 300 X 75-95(H) 2 compartments	2.44 MTR	
50	UL-UFSBH 300/3	300 X 300 X 75-95(H) 3 compartments	2.44 MTR	
51	UL-UFSBH 325/3	325 X 325 X 75-95(H) 3 compartments	2.44 MTR	