



POWER SYSTEM MAINTENANCE DEPARTMENT
ELECTRICAL EQUIPMENT TESTING DIVISION
GENERAL EQUIPMENT TESTING SECTION

256 Nakhonchaisri Road Thanon Nakhonchaisri, Dusit Bangkok 10300
Tel. 0-2242-5405, 0-2242-5406 Fax. 0-2242-5125



ISO 9001:2000
CERTIFICATE No. 2005



ISO 9001:2000
CERTIFICATE No. 042

TEST REPORT GT. NO. 0800 / 2548

Flexible Connector Rain Tight DIA. $\frac{1}{2}$ ", $\frac{3}{4}$ ", 1", 1- $\frac{1}{4}$ ", 1- $\frac{1}{2}$ ", 2", 2- $\frac{1}{2}$ ", 3", 4"

Rung Jaras Sang Electric Ltd. Part.



CERTIFIED BY

(Mr. Somchai Roadrungrasinkul)

Director of Electrical Equipment Testing Division

Power System Maintenance Department

GT No 0800/2548

Page No. 1/3

The test result does not concern any electrical system energization. The result in this Test Report relates only to the item tested, and does not certify the quality of any products having same brand or trade mark sold in the market. This Test Report shall not be used for advertisement and shall not be reproduced except in full, without the written approved of the testing laboratory.



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ISO 9001:2000
CERTIFICATE No. 2005



ISO 9001:2000
CERTIFICATE No. 042

TEST REPORT

Customer : Rung Jaras Sang Electric Ltd.,Part.
63 Jaras Muang Rd., Patumwan Bangkok Thailand 10330

Referred to : RJS - MEA 003/2548 ลงวันที่ 22 พฤษภาคม 2548
(TSR 0800/48 ลงวันที่ 16 มิถุนายน 2548)

Test Specimen : อุปกรณ์ประกอบที่ร้อยสายไฟฟ้าชนิดเหล็กหล่อ (CAST IRON) ขั้วลึงกะตึ้นแบบ
ชุบร้อน (Hot-Dip Galvanized)
Flexible Connector Rain Tight DIA. ½" ¾" 1" 1-¼" 1-½" 2" 2-½" 3" 4"

Manufacturer : Rung Jaras Sang Electric Ltd.,Part.

Supplier : Rung Jaras Sang Electric Ltd.,Part.

Characterization and Condition
: The samples were visually inspected and found in good condition before test.

Sample Quantity : 9 ea.

Date of receipt : June 01, 2005

Date of test : June 12, 2005

Reference Standard : MANUFACTURER'S SPEC
Fitting Cast Metal Boxes and Conduit Bodies for Conduit and Cable Assemblies

Clause of test
1. Dimension Checked
2. Weight(kgs.)
3. Zinc. Coating (micron.)

Test Result : As shown in the next page

Checked By
(Mr. Satapana Onchantr)

Electrical Engineer
Date 18 AUG 2005

Verified By:
(Mr. Chairatana Suppavatee)

Chief of General Equipment Testing Section
Date 18 AUG 2005

GT No 0800/2548

Page No. 2/3

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ISO 9001:2000
CERTIFICATE No. 2005



ISO 9001:2000
CERTIFICATE No. 042

TEST REPORT

Subject : Flexible Connector Rain Tight
Standard size : $\varnothing \frac{1}{2}$ " $\frac{3}{4}$ " 1" 1- $\frac{1}{4}$ " 1- $\frac{1}{2}$ " 2" 2- $\frac{1}{2}$ " 3" 4"
Standard Material : ☒ Mild steel and Cast Iron
Galvanize Finished : ☒ Electro galvanized and Hot Dip galvanized
Trade mark : ABSO

Flexible Connector Rain Tight



Catalog No.	Size (inch.)	Dimensions (mm)				Weight(kgs.) Per 100 pcs.	Zinc. Coating (micron.)	
		A	B	C	D		Min.Spec	Inspected
FRTC050	$\frac{1}{2}$ "	35.17	44.38	43.07	20.87	16.20	10.18	130
FRTC075	$\frac{3}{4}$ "	42.39	48.76	45.07	25.93	20.40	10.18	150
FRTC100	1"	47.33	54.63	54.85	32.56	31.60	10.18	100
FRTC125	1 $\frac{1}{4}$ "	56.53	67.37	60.07	41.20	45.00	10.18	100
FRTC150	1 $\frac{1}{2}$ "	64.90	72.36	60.90	47.11	59.60	10.18	60
FRTC200	2"	79.02	83.64	67.03	59.43	74.60	10.18	60
FRTC250	2 $\frac{1}{2}$ "	96.22	100.90	80.56	72.20	136.40	10.18	80
FRTC300	3"	114.31	119.91	88.56	87.67	211.00	10.18	120
FRTC400	4"	133.18	114.12	87.00	112.91	228.40	10.18	130

Remark *Complete with nylon ring

Test / Supervised By :

(Mr.Somkid Srimek)

Electrical-Equipment Tester Technic 7

18 AUG 2005

Date

GT No 0800/2548

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FM-TEC-09-04 แก้ไขครั้งที่ 01 เริ่มใช้วันที่ 23 มกราคม 2547

ฉบับ.17025-2543



RESEARCH AND DEVELOPMENT DEPARTMENT
ELECTRICAL EQUIPMENT TESTING DIVISION
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256 Nakhonchaisri Road Thanon Nakhonchaisri, Dusit Bangkok 10300

Tel. 0-2242-5402, 0-2242-5405 Fax. 0-2242-5125

TEST REPORT GT. NO. 1078/2548

Fittings, Cast metal boxes, and Conduit bodies

For Conduit and Cable Assemblies

Rung Jaras Sang Electric Ltd.Part.



Certified By.....
(Mr.Somchai Rongwasinkul)
Director of Electrical Equipment Testing Division
Research and Development Department

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256 Nakhonchai Sri Road Thanon Nakhonchai Sri, Dusit Bangkok 10300
Tel. 0-2242-5402, 0-2242-5405 Fax. 0-2242-5125

TEST REPORT

Customer : Rung Jaras Sang Electric Ltd.,Part
63 Jaras Muang Rd., Patumwan Bangkok Thailand 10330
Referred to : RJS-MEA 011/2548
(TSR 1078/48 ลงวันที่ 22 พฤษภาคม 2548)
Test Specimen : อุปกรณ์ประกอบร้อยท่อสายไฟฟ้าชนิด Sheet Steel
Sheet steel Out let Boxes, Device boxes, Covers.
And Box Supports, Electro galvanized.
Manufacturer : Rung Jaras Sang Electric Ltd.,Part.
Supplier : Rung Jaras Sang Electric Ltd.,Part.
Characterization and Condition : The samples were visually inspected and found in good condition before test.
Sample Quantity : 18 Sample
Date of receipt : June 22 , 2005
Date of test : August 16 , 2005
Reference Standard : NEMA - STD. No.FB1 - 1993
Clause of test : 1. Dimension Checked
2. Galvanized Test
Test Result : As shown in the next page

Checked By:

(Mr.Satapana Onchantr)

Electrical Engineer

Date 8 NOV 2005

ApproveBy:

(Mr. Chairatana Suppavatee)

Chief of General Equipment Testing Section

Date 8 NOV 2005

GT No 1078/2548

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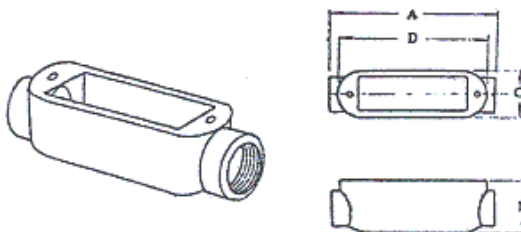


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TEST REPORT

Subject : O.C. Condulet Cast Iron Liquid-Tight IP41
Standard size : $\varnothing \frac{1}{2}'' - 4''$
Standard Material : ☐ Sheet steel ☒ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : NEMA - STD.NO FBI -1993
Fitting Cast Metal Boxes and Conduit Bodies for Conduit and Cable Assemblies

O.C. CONDULET CAST IRON LIQUID-TIGHT



Catalog No.	Size	Dimensions (mm.)				Weight (kg.) Per 100	Wall thickness (mm.)		Zinc Coating (micron.)	
		A	B	C	D		Spec	Inspect.	Ave. Spec	Inspected
OCLAH 01	$\frac{1}{2}$	135.34	34.85	35.62	101.00	53.40	1.6	5.61	12.72	80
OCLAH 02	$\frac{3}{4}$	135.76	42.31	40.32	120.46	65.20	1.6	4.91	12.72	120
OCLAH 03	1	165.00	49.25	45.74	135.29	97.40	1.6	4.92	12.72	110
OCLAH 04	1 $\frac{1}{4}$	181.00	57.68	58.03	166.00	144.80	1.6	5.56	12.72	150
OCLAH 05	1 $\frac{1}{2}$	118.00	67.54	64.09	186.00	195.80	1.6	5.23	12.72	90
OCLAH 06	2	266.50	87.72	81.13	245.00	381.80	1.6	7.38	12.72	140
OCLAH 07	2 $\frac{1}{2}$	304.00	9.13	89.70	273.00	625.60	1.6	6.97	12.72	110
OCLAH 08	3	397.50	122.47	128.54	319.00	900.50	1.6	5.25	12.72	140
OCLAH 09	3 $\frac{1}{2}$	390.00	128.49	123.67	361.00	148.00	1.6	6.00	12.72	120
OCLAH 10	4	488.00	151.50	165.50	386.00	1920.00	1.6	10.00	12.72	100

GT No 1078/2548

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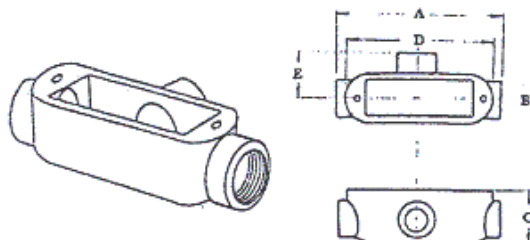
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256 Nakhonchai Sri Road Thanon Nakhonchai Sri, Dusit Bangkok 10300
Tel. 0-2242-5402, 0-2242-5405 Fax. 0-2242-5125

TEST REPORT

Subject : O.T. Condulet Cast Iron Liquid – Tight
Standard size : $\varnothing \frac{1}{2}'' - 4''$
Standard Material : ☐ Sheet steel ☒ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : NEMA – STD.NO FBI -1993

Fitting Cast Metal Boxes and Conduit Bodies for Conduit and Cable Assemblies

O.T. CONDULET CAST IRON LIQUID-TIGHT



Catalog No.	Size (inch)	Dimensions (mm.)					Weight (kg.) Per 100
		A	B	C	D	E	
OTLAH 01	$\frac{1}{2}$	117.62	36.28	35.80	96.80	35.50	51.60
OTLAH 00	$\frac{3}{4}$	138.82	41.48	42.18	119.13	37.60	71.20
OTLAH 03	1	174.00	45.43	49.11	135.88	41.59	115.20
OTLAH 04	1 $\frac{1}{4}$	191.00	64.10	62.19	165.00	53.78	207.60
OTLAH 05	1 $\frac{1}{2}$	112.00	69.09	66.43	189.00	56.43	221.00
OTLAH 06	2	165.00	81.48	81.73	243.00	67.25	400.00
OTLAH 07	2 $\frac{1}{2}$	216.10	101.50	95.90	280.60	82.70	610.20
OTLAH 08	3	322.00	112.20	108.50	315.10	81.10	650.90
OTLAH 09	3 $\frac{1}{4}$	396.50	131.20	131.25	367.70	96.80	1420.00
OTLAH 10	4	401.80	140.90	145.00	372.10	112.95	1900.00

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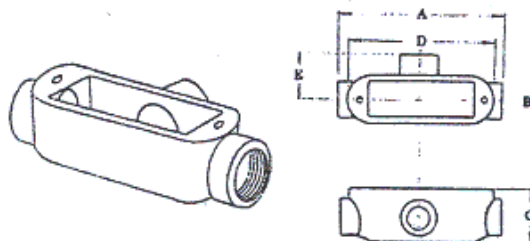
256 Nakhonchaisri Road Thanon Nakhonchaisri, Dusit Bangkok 10300

Tel. 0-2242-5402, 0-2242-5405 Fax. 0-2242-5125

TEST REPORT

Subject : O.T. Condulet Cast Iron Liquid – Tight
Standard size : $\varnothing \frac{1}{2}$ " - 4"
Standard Material : ☐ Sheet steel ☒ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : NEMA – STD.NO FBI -1993
Fitting Cast Metal Boxes and Conduit Bodies for Conduit and Cable Assemblies

O.T. CONDULET CAST IRON LIQUID-TIGHT



Catalog No.	Size (inch)	Wall thickness (mm.)		Zinc. Coating (micron.)	
		Min.Spec.	Inpeced	Ave.Spec.	Inpeced
OTLAH 01	$\frac{1}{2}$	1.6	4.80	12.72	120
OTLAH 00	$\frac{3}{4}$	1.6	4.20	12.72	120
OTLAH 03	1	1.6	5.10	12.72	120
OTLAH 04	1 $\frac{1}{4}$	1.6	5.20	12.72	110
OTLAH 05	1 $\frac{1}{2}$	1.6	5.60	12.72	100
OTLAH 06	2	1.6	6.10	12.72	100
OTLAH 07	2 $\frac{1}{2}$	1.6	6.00	12.72	100
OTLAH 08	3	1.6	7.45	12.72	90
OTLAH 09	3 $\frac{1}{2}$	1.6	7.50	12.72	100
OTLAH 10	4	1.6	8.00	12.72	100

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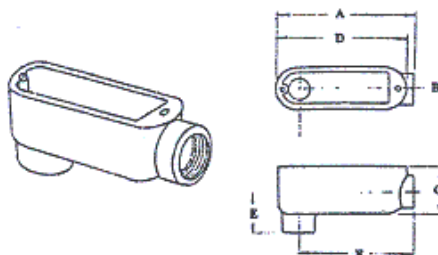


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TEST REPORT

Subject : L.B. Condulet Cast Iron Liquid – Tight
Standard size : $\varnothing \frac{1}{2}'' - 4''$
Standard Material : ☐ Sheet steel ☒ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : NEMA – STD.NO FBI -1993
Fitting Cast Metal Boxes and Conduit Bodies for Conduit and Cable Assemblies

L.B. CONDULET CAST IRON LIQUID – TIGHT



Catalog No.	Size (inch)	Dimensions (mm.)						Weight (kg.) Per 100
		A	B	C	D	E	F	
LBLAH 01	$\frac{1}{4}$	119.13	35.15	35.69	100.70	36.47	92.45	56.00
LBLAH 02	$\frac{3}{4}$	137.44	39.80	44.67	118.34	40.51	107.00	71.40
LBLAH 03	1	152.00	46.02	48.94	136.58	42.95	139.02	100.20
LBLAH 04	$1 \frac{1}{4}$	180.00	59.11	63.04	163.00	54.31	141.20	162.80
LBLAH 05	$1 \frac{1}{2}$	208.00	65.62	72.28	182.00	62.60	170.00	197.20
LBLAH 06	2	252.00	79.92	87.84	240.00	59.81	200.00	356.40
LBLAH 07	$2 \frac{1}{2}$	304.50	97.50	98.20	275.10	79.60	232.50	615.00
LBLAH 08	3	396.50	117.90	118.80	314.10	81.00	240.00	648.20
LBLAH 09	$3 \frac{1}{2}$	390.10	128.50	128.60	365.10	101.10	296.10	141.00
LBLAH 10	4	485.00	150.20	162.50	383.00	108.12	300.20	1850.00

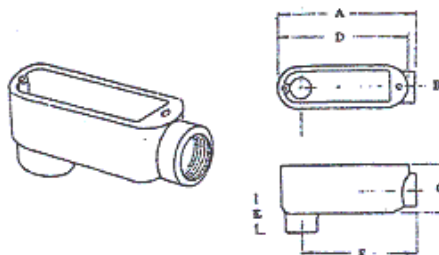


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TEST REPORT

Subject : L.B. Condulet Cast Iron Liquid – Tight IP.41
Standard size : $\varnothing \frac{1}{2}$ " - 4"
Standard Material : ☐ Sheet steel ☒ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : NEMA – STD.NO FBI -1993
Fitting Cast Metal Boxes and Conduit Bodies for Conduit and Cable Assemblies

L .B. CONDULET CAST IRON LIQUID – TIGHT



Catalog No.	Size (inch)	Wall thickness (mm.)		Zinc Coating (micron.)	
		Min.Spec.	Inpeced	Ave.Spec.	Inpeced
OTLAH 01	$\frac{1}{2}$	1.6	5.50	12.72	100
OTLAH 00	$\frac{3}{4}$	1.6	4.40	12.72	80
OTLAH 03	1	1.6	5.73	12.72	70
OTLAH 04	1 $\frac{1}{4}$	1.6	5.80	12.72	100
OTLAH 05	1 $\frac{1}{2}$	1.6	6.10	12.72	80
OTLAH 06	2	1.6	7.10	12.72	120
OTLAH 07	2 $\frac{1}{2}$	1.6	6.90	12.72	90
OTLAH 08	3	1.6	8.00	12.72	120
OTLAH 09	3 $\frac{1}{2}$	1.6	8.10	12.72	120
OTLAH 10	4	1.6	8.20	12.72	120





RESEARCH AND DEVELOPMENT DEPARTMENT

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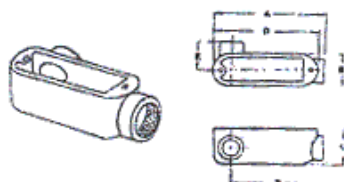
Tel. 0-2242-5402, 0-2242-5405 Fax. 0-2242-5125

TEST REPORT

Subject : L.L. Condulet Cast Iron Liquid - Tight
Standard size : $\varnothing \frac{1}{2}'' - 4''$
Standard Material : ☐ Sheet steel ☒ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : NEMA - STD.NO FBI -1993

Fitting Cast Metal Boxes and Conduit Bodies for Conduit and Cable Assemblies

L.L. CONDULET CAST IRON LIQUID - TIGHT



Catalog No.	Size (inch)	Dimensions (mm.)						Weight (kg.) Per 100
		A	B	C	D	E	F	
LLAH 01	$\frac{1}{2}$	119.20	35.20	35.50	100.50	35.50	90.60	55.60
LLAH 02	$\frac{3}{4}$	137.40	41.00	43.45	118.50	40.10	105.60	71.50
LLAH 03	1	150.20	46.60	47.90	135.90	42.00	128.70	100.00
LLAH 04	1 $\frac{1}{4}$	179.20	60.50	62.80	164.00	51.80	143.10	161.50
LLAH 05	1 $\frac{1}{2}$	206.50	66.65	71.40	184.40	60.25	165.80	198.20
LLAH 06	2	252.10	79.90	87.00	240.15	65.80	195.00	360.00
LLAH 07	2 $\frac{1}{4}$	300.30	98.80	98.20	275.20	79.50	231.50	618.40
LLAH 08	3	381.50	115.90	119.50	300.00	80.90	238.80	648.60
LLAH 09	3 $\frac{1}{2}$	388.60	128.20	130.40	369.00	100.90	295.00	1420.00
LLAH 10	4	489.10	151.60	165.80	382.20	107.90	299.60	1860.00

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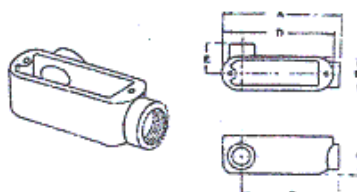


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TEST REPORT

Subject : L.L. Condulet Cast Iron Liquid – Tight IP41
Standard size : $\varnothing \frac{1}{2}'' - 4''$
Standard Material : ☐ Sheet steel ☒ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : NEMA – STD.NO FBI -1993
Fitting Cast Metal Boxes and Conduit Bodies for Conduit and Cable Assemblies

L.L. CONDULET CAST IRON LIQUID – TIGHT



Catalog No.	Size (Inch)	Wall thickness (mm.)		Zinc. Coating (micron.)	
		Min.Spec.	Inpeced	Ave.Spec.	Inpeced
LLAH 01	$\frac{1}{2}$	1.6	4.80	12.72	120
LLAH 02	$\frac{3}{4}$	1.6	5.10	12.72	100
LLAH 03	1	1.6	5.30	12.72	100
LLAH 04	1 $\frac{1}{4}$	1.6	6.00	12.72	120
LLAH 05	1 $\frac{1}{2}$	1.6	6.80	12.72	120
LLAH 06	2	1.6	7.10	12.72	120
LLAH 07	2 $\frac{1}{2}$	1.6	7.00	12.72	120
LLAH 08	3	1.6	6.85	12.72	120
LLAH 09	3 $\frac{1}{2}$	1.6	7.10	12.72	130
LLAH 10	4	1.6	7.40	12.72	120



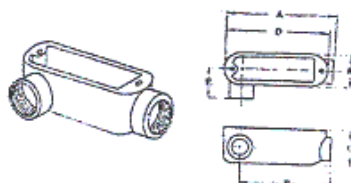


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Tel. 0-2242-5402, 0-2242-5405 Fax. 0-2242-5125

TEST REPORT

Subject : L.R. Condulet Cast Iron Liquid – Tight
Standard size : $\varnothing \frac{1}{2}$ " – 4"
Standard Material : ☐ Sheet steel ☒ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : NEMA – STD.NO FBI -1993
Fitting Cast Metal Boxes and Conduit Bodies for Conduit and Cable Assemblies

L.R. CONDULET CAST IRON LIQUID – TIGHT



Catalog No.	Size (inch)	Dimensions (mm.)						Weight (kg.)
		A	B	C	D	E	F	Per 100
LRLAH 01	$\frac{1}{2}$	118.50	35.10	35.40	98.80	35.10	90.50	55.50
LRLAH 02	$\frac{3}{4}$	136.80	41.40	42.50	118.00	40.00	104.40	70.80
LRLAH 03	1	150.20	46.50	47.70	135.50	41.90	126.80	99.50
LRLAH 04	1 $\frac{1}{4}$	178.50	60.40	62.30	163.20	53.40	142.20	160.20
LRLAH 05	1 $\frac{1}{2}$	205.10	65.90	71.70	184.40	59.90	164.50	189.30
LRLAH 06	2	252.20	79.50	86.90	240.25	65.40	195.20	350.40
LRLAH 07	2 $\frac{1}{2}$	300.90	98.50	98.10	265.50	78.60	222.00	610.18
LRLAH 08	3	380.20	114.80	118.80	302.50	88.70	238.80	650.20
LRLAH 09	3 $\frac{1}{2}$	385.60	129.00	130.80	369.90	100.95	296.60	1410.80
LRLAH 10	4	487.70	150.60	156.60	380.50	108.80	298.10	1850.80



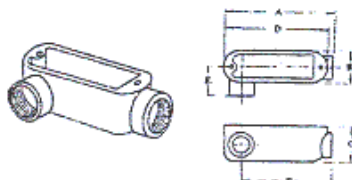
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ELECTRICAL EQUIPMENT TESTING DIVISION
GENERAL EQUIPMENT TESTING SECTION
256 Nakhonchai Road Thanon Nakhonchai, Dusit Bangkok 10300
Tel. 0-2242-5402, 0-2242-5405 Fax. 0-2242-5125

TEST REPORT

Subject : L.R. Condulet Cast Iron Liquid – Tight IP4.1
Standard size : $\varnothing \frac{1}{2}'' - 4''$
Standard Material : ☐ Sheet steel ☒ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : NEMA – STD.NO FBI -1993

Fitting Cast Metal Boxes and Conduit Bodies for Conduit and Cable Assemblies

L .R. CONDULET CAST IRON LIQUID – TIGHT



Catalog No.	Size (inch)	Wall thickness (mm.)		Zinc. Coating (micron.)	
		Min.Spec.	Inspected	Ave.Spec.	Inspected
LRLAH 01	$\frac{1}{2}$	1.6	4.50	12.72	115
LRLAH 02	$\frac{3}{4}$	1.6	5.10	12.72	120
LRLAH 03	1	1.6	5.40	12.72	112
LRLAH 04	1 $\frac{1}{4}$	1.6	5.80	12.72	90
LRLAH 05	1 $\frac{1}{2}$	1.6	6.10	12.72	130
LRLAH 06	2	1.6	6.30	12.72	120
LRLAH 07	2 $\frac{1}{2}$	1.6	6.80	12.72	150
LRLAH 08	3	1.6	7.00	12.72	145
LRLAH 09	3 $\frac{1}{2}$	1.6	6.90	12.72	180
LRLAH 10	4	1.6	6.95	12.72	100

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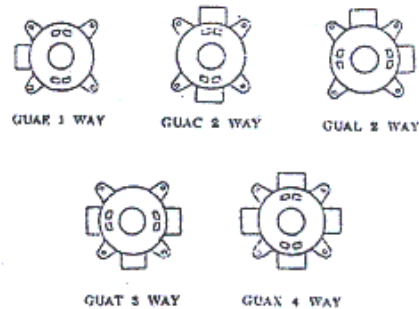
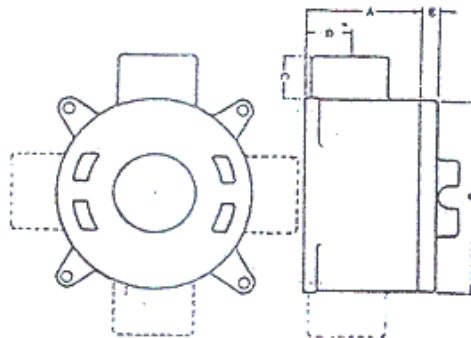
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256 Nakhonchaisri Road Thanon Nakhonchaisri, Dusit Bangkok 10300
Tel. 0-2242-5402, 0-2242-5405 Fax. 0-2242-5125

TEST REPORT

Subject : Conduit Outlet Bodies & Boxes
Standard size : $\varnothing \frac{1}{2}$ " - 4"
Standard Material : ☐ Sheet steel ☒ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : NEMA - STD.NO FBI -1993

Fitting Cast Metal Boxes and Conduit Bodies for Conduit and Cable Assemblies

CONDUIT OUTLET BODIES AND BOXES



Catalog No.	Size (Inch.)	Dimension (mm.)					Weight (kg.) Per 100				
		A	B	C	D	E	AE	AC	AL	AT	AX
GUA AH 01	$\frac{1}{2}$	55.55	88.20	21.00	19.50	8.45	129.00	131.00	140.40	140.00	141.00
GUA AH 02	$\frac{3}{4}$	51.55	88.20	21.00	20.30	8.45	116.00	133.60	130.00	133.00	140.00
GUA AH 03	1	50.60	101.55	19.15	25.00	8.00	160.00	170.00	170.00	194.00	205.00
GUA AH 04	1 $\frac{1}{4}$	66.00	112.50	25.50	28.25	8.00	270.00	290.00	320.00	328.00	371.00
GUA AH 05	1 $\frac{1}{2}$	76.15	124.50	26.40	32.50	8.00	262.00	280.00	309.00	330.00	360.00
GUA AH 06	2	102.15	148.85	26.40	47.25	7.75	413.00	461.00	466.00	480.00	620.00



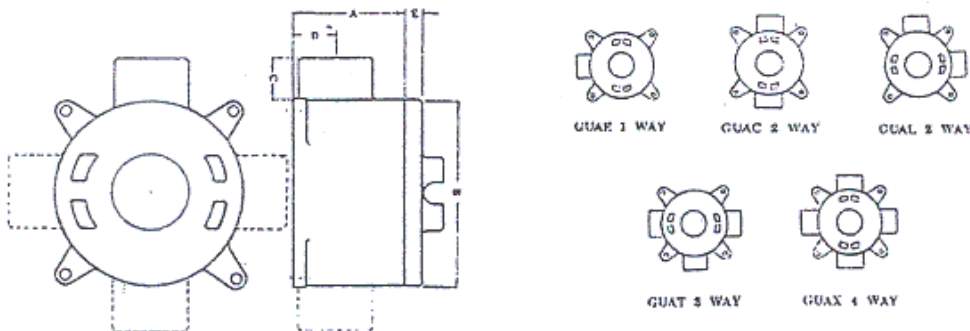
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Tel. 0-2242-5402, 0-2242-5405 Fax. 0-2242-5125

TEST REPORT

Subject : Conduit Outlet Bodies & Boxes IP.54
Standard size : $\varnothing \frac{1}{2}$ " - 4"
Standard Material : ☐ Sheet steel ☒ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : NEMA - STD.NO FBI-1993

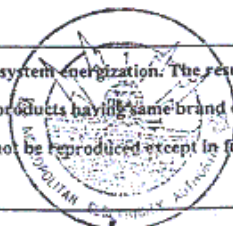
Fitting Cast Metal Boxes and Conduit Bodies for Conduit and Cable Assemblies

CONDUIT OUTLET BODIES AND BOXES



Catalog No.	Size (Inch.)	Wall thickness (mm.)		Zinc. Coating (micron.)	
		Spec	Inspect.	Ave.Spec.	Inspected
GUA AH 01	$\frac{1}{2}$	1.6	3.08	12.72	160
GUA AH 02	$\frac{3}{4}$	1.6	6.00	12.72	125
GUA AH 03	1	1.6	6.50	12.72	170
GUA AH 04	1 $\frac{1}{4}$	1.6	7.00	12.72	150
GUA AH 05	1 $\frac{1}{2}$	1.6	7.00	12.72	140
GUA AH 06	2	1.6	7.00	12.72	180

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256 Nakthonchaisri Road Thanon Nakthonchaisri, Dusit Bangkok 10300

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TEST REPORT

Subject : Circular Junction Boxes for Rigid, IMC Conduit IP.41

Standard size : $\varnothing \frac{1}{2}$ " - 1"

Standard Material : ☐ Sheet steel ☒ Cast Iron

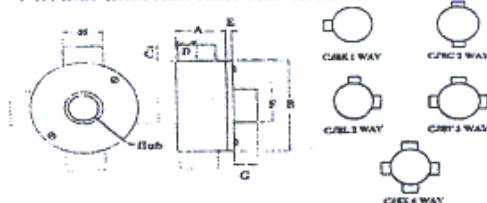
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized

Trade mark : ABSO

Reference Standard : NEMA - STD.NO FBI -1993

Fitting Cast Metal Boxes and Conduit Bodies for Conduit and Cable Assemblies

Circular Junction Boxes for Rigid IMC Conduit



Catalog No.	Size (inch)	Dimensions (mm.)							Wall thickness (mm.)		Zinc Coating (micron.)
		A	B	C	D	E	F	G	Spec	Inspec.	
CBEAH 01	$\frac{1}{4}$	48.00	99.50	17.50	20.00	6.50	35.00	22.00	1.6	5.88	150
CBEAH 02	$\frac{1}{4}$	48.00	99.50	17.50	20.00	6.50	35.00	22.00	1.6	6.01	140
CBEAH 03	1	48.00	99.50	17.50	20.00	6.50	35.00	22.00	1.6	5.07	150
CBCAH 01	$\frac{1}{4}$	48.00	99.50	17.50	20.00	6.50	35.00	22.00	1.6	6.47	130
CBCAH 02	$\frac{1}{4}$	48.00	99.50	17.50	20.00	6.50	35.00	22.00	1.6	6.07	140
CBCAH 03	1	48.00	99.50	17.50	20.00	6.50	35.00	22.00	1.6	5.79	150
CBLAH 01	$\frac{1}{4}$	48.00	99.50	17.50	20.00	6.50	35.00	22.00	1.6	6.70	140
CBLAH 02	$\frac{1}{4}$	48.00	99.50	17.50	20.00	6.50	35.00	22.00	1.6	5.81	150
CBLAH 03	1	48.00	99.50	17.50	20.00	6.50	35.00	22.00	1.6	6.81	150
CBTAH 01	$\frac{1}{4}$	48.00	99.50	17.50	20.00	6.50	35.00	22.00	1.6	6.70	140
CBTAH 02	$\frac{1}{4}$	48.00	99.50	17.50	20.00	6.50	35.00	22.00	1.6	6.80	130
CBTAH 03	1	48.00	99.50	17.50	20.00	6.50	35.00	22.00	1.6	5.90	150
CBXAH 01	$\frac{1}{4}$	48.00	99.50	17.50	20.00	6.50	35.00	22.00	1.6	6.50	140
CBXAH 02	$\frac{1}{4}$	48.00	99.50	17.50	20.00	6.50	35.00	22.00	1.6	6.40	150
CBXAH 03	1	48.00	99.50	17.50	20.00	6.50	35.00	22.00	1.6	6.50	150

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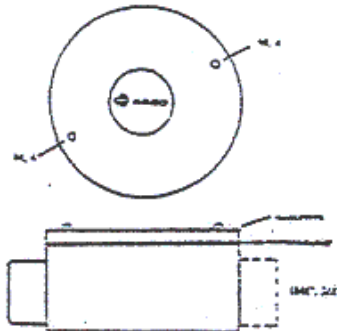


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256 Nakhonchai Sri Road Thanon Nakhonchai Sri, Dusit Bangkok 10300
Tel. 0-2242-5402, 0-2242-5405 Fax. 0-2242-5125

TEST REPORT

Subject : Circular Junction Boxes for Rigid, IMC Conduit
Standard size : $\varnothing \frac{1}{2}" - 4"$
Standard Material : ☐ Sheet steel ☒ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : NEMA - STD.NO FBI -1993
Fitting Cast Metal Boxes and Conduit Bodies for Conduit and Cable Assemblies

Circular Junction Boxes for Rigid, IMC Conduit



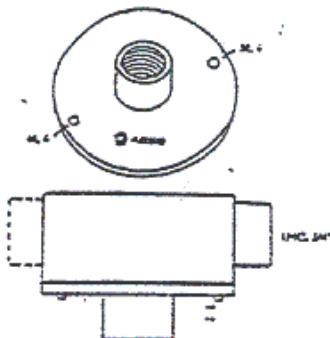
Overall Dia.	Wall thickness (mm.)		Gasket thickness (Neoprene)		Zinc Coating Thickness (micron.)	
	Min.Spec	Inspected	Spec	Inspected	Ave.Spec	Inspected
100.20	1.6	6.82	-	2.50	12.72	150
100.19	1.6	6.80	-	2.51	12.72	140
100.20	1.6	6.82	-	2.50	12.72	150



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TEST REPORT

Subject : Circular Junction Boxes for Rigid, IMC Conduit
Standard size : $\varnothing \frac{1}{4}'' - 4''$
Standard Material : ☐ Sheet steel ☒ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : NEMA - STD.NO FBI -1993
Fitting Cast Metal Boxes and Conduit Bodies for Conduit and Cable Assemblies
Circular Junction Boxes for Rigid, IMC Conduit



Overall Dia.	Wall thickness (mm.)		Gasket thickness (Neoprene)		Zinc Coating Thickness (micron.)	
	Min.Spec	Inspected	Spec	Inspected	Ave.Spec	Inspected
100.20	1.6	6.80	-	2.50	12.72	140
100.19	1.6	6.80	-	2.50	12.72	155
100.20	1.6	6.80	-	2.50	12.72	150

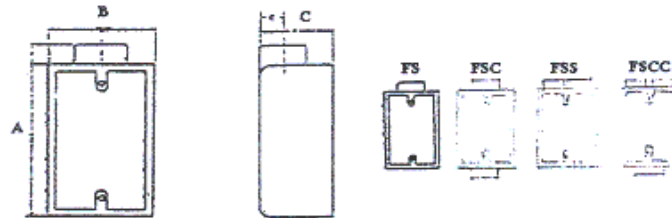


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Tel. 0-2242-5402, 0-2242-5405 Fax. 0-2242-5125

TEST REPORT

Subject : FS/FD BOXES 2" x 4" ONE GANG
Standard size : $\varnothing \frac{1}{2}$ " - 4"
Standard Material : ☐ Sheet steel ☒ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : NEMA - STD.NO FBI -1993
Fitting Cast Metal Boxes and Conduit Bodies for Conduit and Cable Assemblies

FS/FD BOXES 2" x 4" ONE GANG



Catalog No.	Size (inch.)	Dimensions (mm.)			Wall thickness		Zinc. Coating (micron.)	
		A	B	C	Min.Spec	Inspected	Ave.Spec	Inspected
FS 1 AH 01	$\frac{1}{2}$	121.74	72.71	51.80	1.6	4.55	12.72	120
FS 1 AH 02	$\frac{3}{4}$	121.62	71.85	51.30	1.6	4.41	12.72	120
FS 1 AH 03	1	121.16	72.55	51.39	1.6	4.17	12.72	120
FSC 1 AH 01	$\frac{1}{2}$	121.80	72.75	51.85	1.6	4.60	12.72	120
FSC 1 AH 02	$\frac{3}{4}$	121.60	71.95	51.40	1.6	4.50	12.72	120
FSC 1 AH 03	1	121.20	72.60	51.40	1.6	4.20	12.72	120
FSS 1 AH 01	$\frac{1}{2}$	121.85	71.45	51.05	1.6	4.00	12.72	120
FSS 1 AH 02	$\frac{3}{4}$	121.90	71.50	51.00	1.6	4.10	12.72	120
FSCC 1 AH 01	$\frac{1}{2}$	120.66	72.06	51.20	1.6	3.81	12.72	120
FSCC 1 AH 02	$\frac{3}{4}$	120.65	72.10	51.05	1.6	3.90	12.72	120

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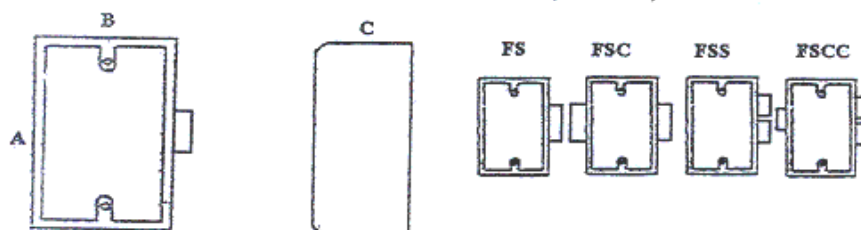
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256 Nakhonchaisri Road Thanon Nakhonchaisri, Dusit Bangkok 10300
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TEST REPORT

Subject : FS/FD BOXES 2" x 4" ONE GANG
Standard size : $\varnothing \frac{1}{2}$ " - 4"
Standard Material : ☐ Sheet steel ☒ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : NEMA - STD.NO FBI-1993

Fitting Cast Metal Boxes and Conduit Bodies for Conduit and Cable Assemblies

FS/FD BOXES 2" x 4" ONE GANG (SPECIAL)



Catalog No.	Size (inch.)	Dimensions (mm.)			Wall thickness		Zinc Coating (micron.)	
		A	B	C	Min.Spec	Inspected	Ave.Spec	Inspected
FS 1 AH 01 S	$\frac{1}{2}$	122.30	72.51	52.92	1.6	5.00	12.72	130
FS 1 AH 02 S	$\frac{3}{4}$	122.36	70.95	50.65	1.6	4.94	12.72	120
FS 1 AH 03 S	1	122.35	72.50	51.60	1.6	4.95	12.72	120
FSC 1 AH 01 S	$\frac{1}{2}$	121.89	71.43	52.42	1.6	4.66	12.72	120
FSC 1 AH 02 S	$\frac{3}{4}$	121.79	73.40	52.40	1.6	4.80	12.72	120
FSC 1 AH 03 S	1	121.80	72.45	52.41	1.6	4.80	12.72	120
FSS 1 AH 01 S	$\frac{1}{2}$	120.11	71.52	52.48	1.6	4.90	12.72	100
FSS 1 AH 02 S	$\frac{3}{4}$	120.10	71.50	52.50	1.6	5.00	12.72	100
FSCC 1 AH 01 S	$\frac{1}{2}$	122.21	73.85	54.23	1.6	5.65	12.72	120
FSCC 1 AH 02 S	$\frac{3}{4}$	121.67	73.90	54.25	1.6	5.60	12.72	120

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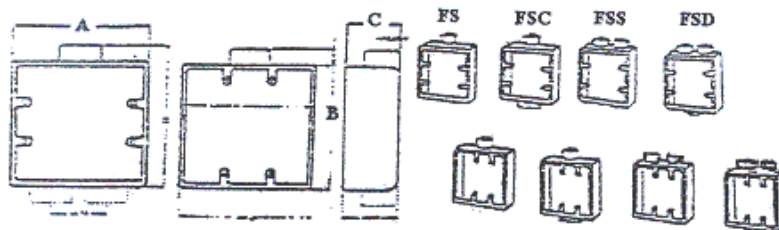
Tel. 0-2242-5402, 0-2242-5405 Fax. 0-2242-5125

TEST REPORT

Subject : FS/FD BOXES 2" x 4" TWO GANG IP.41
Standard size : $\varnothing \frac{1}{2}$ " - 1"
Standard Material : ☐ Sheet steel ☒ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : NEMA - STD.NO FBI-1993

Fitting Cast Metal Boxes and Conduit Bodies for Conduit and Cable Assemblies

FS/FD BOXES 2" x 4" TWO GANG



Catalog No.	Size (inch.)	Dimensions (mm.)			Wall thickness		Zinc Coating (micron.)	
		A	B	C	Min.Spec	Inspected	Ave.Spec	Inspected
FS 1 AH 01 S	$\frac{1}{2}$	117.95	123.28	51.20	1.6	5.15	12.72	100
FS 1 AH 02 S	$\frac{3}{4}$	117.90	123.30	51.20	1.6	5.10	12.72	120
FS 1 AH 03 S	1	117.96	123.25	51.25	1.6	5.10	12.72	120
FSC 1 AH 01 S	$\frac{1}{2}$	116.95	120.10	50.04	1.6	4.29	12.72	120
FSC 1 AH 02 S	$\frac{3}{4}$	119.37	120.85	51.20	1.6	4.37	12.72	100
FSC 1 AH 03 S	1	119.40	120.90	51.30	1.6	4.40	12.72	100
FSS 1 AH 01 S	$\frac{1}{2}$	118.10	119.67	50.72	1.6	4.30	12.72	120
FSS 1 AH 02 S	$\frac{3}{4}$	121.49	118.66	51.80	1.6	6.71	12.72	120
FSCC 1 AH 01 S	$\frac{1}{2}$	121.50	118.65	51.80	1.6	6.75	12.72	130
FSCC 1 AH 02 S	$\frac{3}{4}$	121.45	118.70	51.85	1.6	6.80	12.72	120

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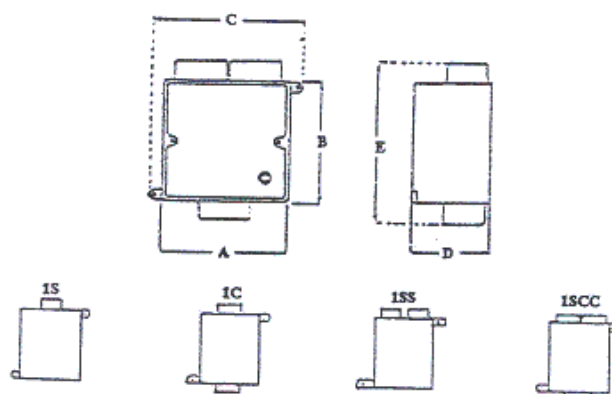
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GENERAL EQUIPMENT TESTING SECTION
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Tel. 0-2242-5402, 0-2242-5405 Fax. 0-2242-5125

TEST REPORT

Subject : DEVICE BOXES 3 - 1/2 " x 3 - 1/2 "
Standard size : Ø 1/2 " - 3/4 "
Standard Material : ☐ Sheet steel ☒ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : NEMA - STD.NO FBI-1993

Fitting Cast Metal Boxes and Conduit Bodies for Conduit and Cable Assemblies

DEVICE BOXES 3 - 1/2 " x 3 - 1/2 "



Catalog No.	Size (inch.)	Dimensions (mm.)					Wall thickness		Zinc Coating (micron.)	
		A	B	C	D	E	Min.Spec	Inspected	Ave. Spec	Inspected
DBAH1 S 01	1/2	86.95	86.14	120.61	53.11	110.42	1.6	4.45	12.72	120
DBAH1 S 02	3/4	87.00	87.00	120.50	53.00	133.00	1.6	4.45	12.72	120
DBAH1 C 01	1/2	87.00	86.50	120.60	53.10	108.83	1.6	4.40	12.72	120
DBAH1 C 02	3/4	87.00	86.80	120.50	53.10	110.40	1.6	4.30	12.72	120
DBAH1 SS 01	1/2	87.10	86.90	120.55	53.12	110.20	1.6	4.20	12.72	100
DBAH1 SS 02	3/4	87.00	87.00	120.50	53.15	110.40	1.6	4.40	12.72	100
DBAH1 CC 01	1/2	87.20	87.00	120.60	53.10	110.50	1.6	4.20	12.72	120
DBAH1 CC 02	3/4	86.99	86.90	120.60	53.11	111.00	1.6	4.30	12.72	120



RESEARCH AND DEVELOPMENT DEPARTMENT

ELECTRICAL EQUIPMENT TESTING DIVISION

GENERAL EQUIPMENT TESTING SECTION

256 Nakhonchaisri Road Thianon Nakhonchaisri, Dusit Bangkok 10300

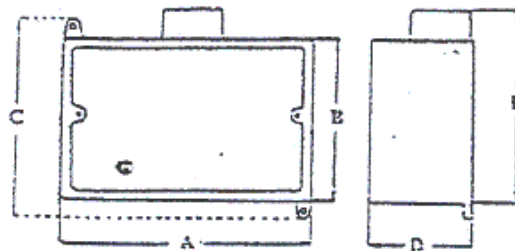
Tel. 0-2242-5402, 0-2242-5405 Fax. 0-2242-5125

TEST REPORT

Subject : DEVICE BOXES 3 - 1/2 " x 3 - 1/2 " IP.41
Standard size : Ø 1/2 " - 3/4 "
Standard Material : ☐ Sheet steel ☒ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : NEMA - STD.NO FBI -1993

Fitting Cast Metal Boxes and Conduit Bodies for Conduit and Cable Assemblies

DEVICE BOXES 3 - 1/2 " x 3 - 1/2 "



Catalog No.	Size (inch.)	Dimensions (mm.)					Wall thickness		Zinc Coating (micron.)	
		A	B	C	D	E	Min.Spec	Inspected	Ave. Spec	Inspected
DBAH2 S 01	1/2	118.32	77.01	110.47	51.55	101.41	1.6	4.45	12.72	120
DBAH2 S 02	3/4	119.35	76.93	109.98	51.05	99.10	1.6	4.03	12.72	120

The test result does not concern any electrical system energization. The result in this Test Report relates only to the item tested, and does not certify the quality of any products having same brand or trade mark sold in the market. This Test Report shall not be used for advertisement and shall not be reproduced except in full, without the written approved of the testing laboratory.





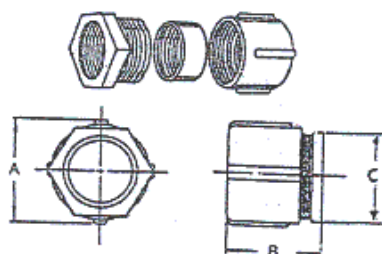
RESEARCH AND DEVELOPMENT DEPARTMENT
ELECTRICAL EQUIPMENT TESTING DIVISION
GENERAL EQUIPMENT TESTING SECTION
256 Nakhonchai Road Thanon Nakhonchai Sri, Dusit Bangkok 10300
Tel. 0-2242-5402, 0-2242-5405 Fax. 0-2242-5125

TEST REPORT

Subject : 3 Piece Coupling for RSC. Conduit
Standard size : $\varnothing \frac{1}{2}$ " - 4"
Standard Material : ☐ Sheet steel ☒ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : NEMA - STD.NO FBI -1993

Fitting Cast Metal Boxes and Conduit Bodies for Conduit and Cable Assemblies

3 Piece Coupling for RSC. Conduit



Catalog No.	Size (inch.)	Dimensions (mm.)			Weight (kg.) Per 100	Wall thickness		Zinc. Coating (micron.)	
		A	B	C		Spec	Inspected	Ave. Spec	Inspected
ECPAH 01	$\frac{1}{2}$	31.34	39.23	33.59	17.60	1.6	3.70	12.72	110
ECPAH 02	$\frac{3}{4}$	37.40	47.94	44.32	33.20	1.6	3.92	12.72	120
ECPAH 03	1	44.20	54.64	47.24	37.80	1.6	3.92	12.72	90
ECPAH 04	1 $\frac{1}{4}$	55.94	55.32	57.26	49.60	1.6	4.52	12.72	120
ECPAH 05	1 $\frac{1}{2}$	64.25	57.61	63.06	57.00	1.6	5.19	12.72	110
ECPAH 06	2	78.32	59.00	80.00	88.20	1.6	5.50	12.72	70
ECPAH 07	2 $\frac{1}{2}$	103.20	61.20	95.80	115.10	1.6	6.88	12.72	120
ECPAH 08	3	110.73	81.30	80.96	209.20	1.6	7.11	12.72	120
ECPAH 09	3 $\frac{1}{2}$	129.07	97.80	128.18	334.00	1.6	8.00	12.72	150
ECPAH 10	4	143.61	99.40	138.65	363.20	1.6	8.70	12.72	120

GT No 1078/2548

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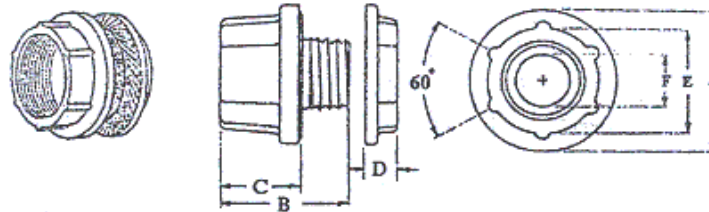
RESEARCH AND DEVELOPMENT DEPARTMENT
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GENERAL EQUIPMENT TESTING SECTION
256 Nakhonchaisri Road Thanon Nakhonchaisri, Dusit Bangkok 10300
Tel. 0-2242-5402, 0-2242-5405 Fax. 0-2242-5125

TEST REPORT

Subject : Hubs Raintight for Rigid, IMC. Conduit.
Standard size : $\varnothing \frac{1}{2}'' - 4''$
Standard Material : ☐ Sheet steel ☒ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : NEMA - STD.NO FBI -1993

Fitting Cast Metal Boxes and Conduit Bodies for Conduit and Cable Assemblies

Hubs Raintight for Rigid, IMC. Conduit.



Catalog No.	Size (inch)	Dimensions (mm)							Weight (kg) Per 100
		A	B	C	D	E	F		
							Max.	Min.	
HR AH 01	½	36.50	27.50	22.55	10.25	35.50	14.40	14.35	10.25
HR AH 02	¾	42.50	32.80	22.20	10.85	36.50	19.10	19.00	14.65
HR AH 03	1	49.65	46.47	27.83	12.14	40.25	32.39	32.30	23.00
HR AH 04	1 ¼	62.74	42.49	23.95	14.88	51.32	41.21	41.09	37.20
HR AH 05	1 ½	69.25	43.08	25.62	14.14	55.48	46.59	46.53	39.00
HR AH 06	2	81.38	50.78	31.35	16.80	69.59	58.95	59.02	64.60
HR AH 07	2 ½	95.20	56.80	33.25	20.75	82.25	60.00	59.50	88.50
HR AH 08	3	110.00	62.20	39.10	20.90	99.90	74.00	73.80	115.10
HR AH 09	3 ½	136.88	68.24	40.47	22.80	110.99	99.60	99.20	157.00
HR AH 10	4	137.19	66.46	42.56	22.72	125.18	100.36	100.30	269.20

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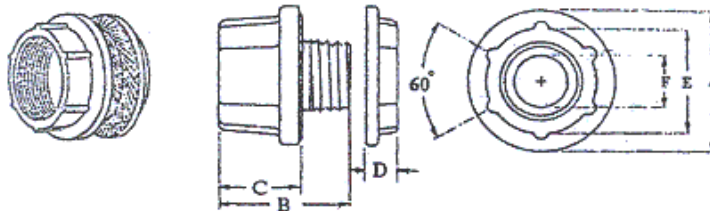
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256 Nakhonchai Sri Road Thanon Nakhonchai Sri, Dusit Bangkok 10300
Tel. 0-2242-5402, 0-2242-5405 Fax. 0-2242-5125

TEST REPORT

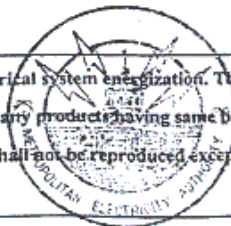
Subject : Hubs Raintight for Rigid , IMC. Conduit IP.54
Standard size : $\varnothing \frac{1}{2}$ " - 4 "
Standard Material : ☐ Sheet steel ☒ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : NEMA - STD.NO FBI -1993

Fitting Cast Metal Boxes and Conduit Bodies for Conduit and Cable Assemblies

Hubs Raintight for Rigid , IMC. Conduit.



Catalog No.	Size (inch)	Wall thickness (mm)		Zinc. Coating (micron)	
		Min.Spec	Inspected	Ave.Spec	Inspected
HR AH 01	$\frac{1}{2}$	1.6	4.50	12.72	120
HR AH 02	$\frac{3}{4}$	1.6	4.60	12.72	100
HR AH 03	1	1.6	4.20	12.72	80
HR AH 04	1 $\frac{1}{4}$	1.6	4.76	12.72	120
HR AH 05	1 $\frac{1}{2}$	1.6	4.56	12.72	120
HR AH 06	2	1.6	5.92	12.72	140
HR AH 07	2 $\frac{1}{2}$	1.6	6.20	12.72	95
HR AH 08	3	1.6	6.16	12.72	120
HR AH 09	3 $\frac{1}{2}$	1.6	7.80	12.72	130
HR AH 10	4	1.6	6.98	12.72	140

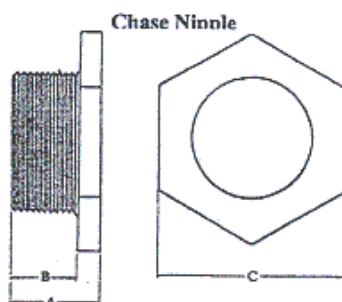




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TEST REPORT

Subject : Chase Nipple
Standard size : $\varnothing \frac{1}{2}$ " - 4"
Standard Material : ☐ Sheet steel ☒ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : NEMA - STD.NO FBI -1993
Fitting Cast Metal Boxes and Conduit Bodies for Conduit and Cable Assemblies



Catalo g No.	Size	Dimensions (mm.)			Weight (kg.) Per 100	Wall thickness (mm.)		Zinc. Coating (micron.)	
		A	B	C		Min.Spec	Inspected	Ave.Spec	Inspected
CAH 01	$\frac{1}{2}$	21.71	15.84	31.18	3.25	1.6	11.74	12.72	100
CAH 02	$\frac{3}{4}$	21.98	14.41	33.77	4.80	1.6	2.20	12.72	120
CAH 03	1	25.88	16.35	37.20	5.40	1.6	3.19	12.72	120
CAH 04	1 $\frac{1}{4}$	23.89	16.37	44.77	10.20	1.6	4.80	12.72	120
CAH 05	1 $\frac{1}{2}$	27.05	18.19	56.75	15.40	1.6	4.55	12.72	95
CAH 06	2	38.55	28.67	64.60	25.40	1.6	5.04	12.72	120
CAH 07	2 $\frac{1}{4}$	33.14	23.89	79.15	37.80	1.6	7.50	12.72	100
CAH 08	2 $\frac{1}{2}$	44.24	33.27	104.75	67.60	1.6	6.80	12.72	120
CAH 09	3	47.61	38.39	115.34	77.00	1.6	7.01	12.72	90
CAH 10	4	55.68	46.60	129.59	100.00	1.6	6.59	12.72	120

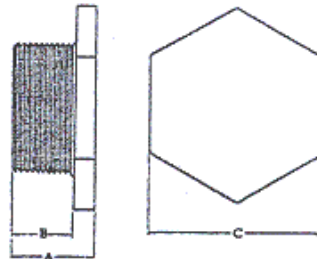


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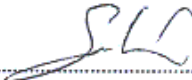
TEST REPORT

Subject : Threaded Clouse-up Plugs
Standard size : $\varnothing \frac{1}{2}$ " - 1"
Standard Material : ☐ Sheet steel ☒ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : NEMA - STD.NO FBI -1993
Fitting Cast Metal Boxes and Conduit Bodies for Conduit and Cable Assemblies

Threaded Clouse-up Plugs



Catalog No.	Size	Dimensions (mm.)			Weight (kg.) Per 100	Zinc. Coating(micron.)	
		A	B	C		Ave.Spec	Inspected
TCPH 01	$\frac{1}{2}$	20.58	15.11	30.68	60.00	12.72	80
TCPH 02	$\frac{3}{4}$	21.01	15.94	33.30	86.00	12.72	90
TCPH 03	1	21.81	15.88	44.65	208.00	12.72	120

Test / Supervised By : 

(Mr.Somkid Srimek)

Electrical Equipment Tester Technic 7

Date : 8 NOV 2005





RESEARCH AND DEVELOPMENT DEPARTMENT
ELECTRICAL EQUIPMENT TESTING DIVISION
GENERAL EQUIPMENT TESTING SECTION
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Tel. 0-2242-5402, 0-2242-5405 Fax. 0-2242-5125

TEST REPORT GT. NO. 1080 / 2548

**Sheet Steel Outlet Boxes, Device Boxes, Covers
And Box Supports. Hot dip galvanized.
Rung Jaras Sang Electric Ltd. Part.**



Certified By.....
(Mr.Somchai (Ingwasinkul)
Director of Electrical Equipment Testing Division
Research and Development Department

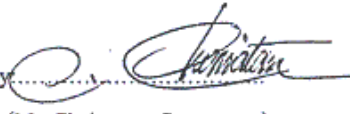


RESEARCH AND DEVELOPMENT DEPARTMENT
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GENERAL EQUIPMENT TESTING SECTION
256 Nakhonchaisri Road Thanon Nakhonchaisri, Dusit Bangkok 10300
Tel. 0-2242-5402, 0-2242-5405 Fax. 0-2242-5125

TEST REPORT

Customer : Rung Jaras Sang Electric Ltd.,Part.
63 Jaras Muang Rd., Patumwan Bangkok Thailand 10330
Referred to : RJS - MEA 002/2548 ลงวันที่ 22 พฤษภาคม 2548
(TSR 1080/48 ลงวันที่ 2 สิงหาคม 2548)
Test Specimen : Sheet Steel Outlet Boxes, Device Boxes, Covers
And Box Supports. Hot dip galvanized.
Manufacturer : Rung Jaras Sang Electric Ltd.,Part.
Supplier : Rung Jaras Sang Electric Ltd.,Part.
Characterization and Condition
: The samples were visually inspected and found in good condition before test.
Sample Quantity : 4 Sample
Date of receipt : August 02, 2005
Date of test : August 12, 2005
Reference Standard : NEMA.OS1-ENGL-1996
Clause of test 1. Dimension Checked
2. Galvanized Test
Test Result : As shown in the next page

Checked By 
(Mr. Satapana Onchantr)
Electrical Engineer
Date - 8 NOV 2005

Verified By 
(Mr. Chairatana Suppavatee)
Chief of General Equipment Testing Section
Date - 8 NOV 2005



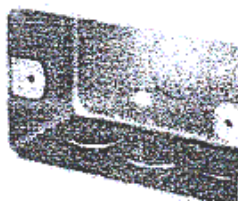
RESEARCH AND DEVELOPMENT DEPARTMENT
ELECTRICAL EQUIPMENT TESTING DIVISION
GENERAL EQUIPMENT TESTING SECTION
256 Nakhonchai Sri Road Thanon Nakhonchai Sri, Dusit Bangkok 10300
Tel. 0-2242-5402, 0-2242-5405 Fax. 0-2242-5125

TEST REPORT

Subject : Handy Box 2 1/2" x 4" x 2 1/8" IP41
Standard size : Ø1/2" - 1"
Standard Material : ☒ Sheet steel ☐ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : NEMA.OS1-ENGL-1996

Sheet Steel Outlet Boxes, Device Boxes, Covers And Box Supports. Hot dip galvanized.

HANDY BOXES



Catalog No.	KO (inch)	Depth	Dimensions (mm)			Wall thickness		Zinc. Coating(micron)	
			A	B	C	Spec	Inspect	Ave.Spec	Inspected
HSWAH010201	1/2x3/4x1/2	1.51	100.21	65.10	40.05	1.588	1.61	12.72	80
HDWAH010201	1/2x3/4x1/2	1.95	101.03	65.11	52.90	1.588	1.59	12.72	70
HDWAH0202	3/4x3/4	1.98	100.82	65.14	51.87	1.588	1.65	12.72	100
HDWAH0203	3/4x1	1.98	101.27	65.00	52.39	1.588	1.74	12.72	110
HDWAH	NOT PUNCH	1.98	101.20	65.00	52.85	1.588	1.69	12.72	100
HDWEH010201	EXTENSION	1.98	101.09	65.02	52.95	1.588	1.61	12.72	90



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Tel. 0-2242-5402, 0-2242-5405 Fax. 0-2242-5125

TEST REPORT

Subject : Octagon Box.
Standard size : $\varnothing \frac{1}{2}'' - 1''$
Standard Material : ☒ Sheet steel ☐ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : NEMA - STD. No. FBI - 1993
Fitting Cast Metal Boxes and Conduit Bodies for Conduit and Cable Assemblies

OCTAGON BOXES



Catalog No.	Depth (inch)	Size (inch)	Dimension (mm)	Weight (kg) Per 100	Wall thickness		Zinc Coating(micron.)	
			A		Spec	Inspect.	Ave.Spec	Inspected
OGSAH0102	1 1/2	1/2x3/4	36.12	18.40	1.588	1.60	12.72	70
OGDAH0102	2 1/8	1/2x3/4	54.54	24.50	1.588	1.66	12.72	100
OGDAH0202	2 1/8	3/4x3/4	53.26	25.40	1.588	1.68	12.72	40
OGDAH0203	2 1/8	3/4x1	53.25	25.00	1.588	1.60	12.72	80



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Tel. 0-2242-5402, 0-2242-5405 Fax. 0-2242-5125

TEST REPORT

Subject : Square Box 4" x 4" x 2 1/8" IP.41
Standard size : $\varnothing \frac{1}{2}'' - 1''$
Standard Material : ☒ Sheet steel ☐ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : NEMA - STD. No. FBI - 1993

Fitting Cast Metal Boxes and Conduit Bodies for Conduit and Cable Assemblies

Square Box 4" x 4" x 2 1/8"



Catalog No.	Size (inch)	Dimension (mm)		KO (inch)	Wall thickness (mm.)		Zinc Coating(micron)	
		A	B		Spec	Inspect.		
S2SH010201	1 1/2	4.00	1 1/2	1/2x3/4x1/2	1.588	1.60	12.72	100
S2DH010201	2 1/8	4.00	2 1/8	1/2x3/4x1/2	1.588	1.60	12.72	80
S2DH0202	2 1/8	4.00	2 1/8	3/4x3/4	1.588	1.62	12.72	100
S2DH0203	2 1/8	4.00	2 1/8	3/4x1	1.588	1.61	12.72	80
S2DH0303	2 1/8	4.00	2 1/8	1x1	1.588	1.66	12.72	100
S2DH010101	2 1/8	4.00	2 1/8	1/2x1/2x1/2	1.588	1.60	12.72	90
S2SHN	1 1/2	4.00	1 1/2	NOT PUNCH	1.588	1.73	12.72	110
S2DHN	2 1/8	4.00	2 1/8	NOT PUNCH	1.588	1.70	12.72	110
S2SEHN	1 1/2	4.00	1 1/2	EXTENSION	1.588	1.70	12.72	100
S2DEHN	2 1/8	4.00	2 1/8	EXTENSION	1.588	1.72	12.72	100

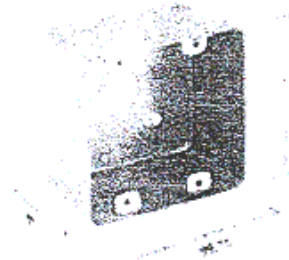


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Tel. 0-2242-5402, 0-2242-5405 Fax. 0-2242-5125

TEST REPORT

Subject : Square Box 4" x 4" x 2 1/8" IP41
Standard size : $\varnothing \frac{1}{2}$ " - 1"
Standard Material : ☒ Sheet steel ☐ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : NEMA - STD. No. FB1 - 1993
Fitting Cast Metal Boxes and Conduit Bodies for Conduit and Cable Assemblies

Square Box 4" x 4" x 2 1/8"



Catalog No.	Size (inch)	Dimension (mm)		KO (inch)	Wall thickness (mm.)		Zinc. Coating(micron)	
		A	B		Spec	Inspect.		
S2SH010201	1 1/2	4.00	1 1/2	1/2x3/4x1/2	1.588	1.65	12.72	100
S2DH010201	2 1/8	4.00	2 1/8	1/2x3/4x1/2	1.588	1.70	12.72	100
S2DH0202	2 1/8	4.00	2 1/8	3/4x3/4	1.588	1.71	12.72	100
S2DH0203	2 1/8	4.00	2 1/8	3/4x1	1.588	1.68	12.72	100
S2DH0303	2 1/8	4.00	2 1/8	1x1	1.588	1.68	12.72	100

Test / Supervised By 

(Mr. Somkid Srimek)

Electrical Equipment Tester Technic 7

Date : 8 NOV 2005

GT No 1080/2548

Page No. 6/6

The test result does not concern any electrical system energization. The result in this Test Report relates only to the item tested, and does not certify the quality of any products having same brand or trade mark sold in the market. This Test Report shall not be used for advertisement and shall not be reproduced except in full without the written approved of the testing laboratory.



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Tel. 0-2242-5405, 0-2242-5406 Fax. 0-2242-5125

TEST REPORT GT. NO. 1142/2548

Sheet steel Out let Boxes, Device boxes, Covers.

And Box Supports, Electro galvanized.

Rung Jaras Sang Electric Ltd.Part.



Certified By.....
(Mr.Somchai Roongwasinkul)
Director of Electrical Equipment Testing Division
Research and Development Department



RESEARCH AND DEVELOPMENT DEPARTMENT
ELECTRICAL EQUIPMENT TESTING DIVISION
GENERAL EQUIPMENT TESTING SECTION
256 Nakhonchaisri Road Thanon Nakhonchaisri, Dusit Bangkok 10300
Tel. 0-2242-5405, 0-2242-5406 Fax. 0-2242-5125

TEST REPORT

Customer : Rung Jaras Sang Electric Ltd.,Part.
63 Jaras Muang Rd., Patumwan Bangkok Thailand 10330

Referred to : RJS - MEA 009/2548 ลงวันที่ 22 พฤษภาคม 2548
(TSR 1142/48 ลงวันที่ 2 สิงหาคม 2548)

Referred to : RJS-MEA 009/2548
(TSR 1142/48 ลงวันที่ 2 สิงหาคม 2548)

Test Specimen : อุปกรณ์ประกอบร้อยท่อสายไฟฟ้าชนิด Sheet Steel
Sheet steel Out let Boxes, Device boxes, Covers.
And Box Supports, Electro galvanized.

Manufacturer : Rung Jaras Sang Electric Ltd.,Part.

Supplier : Rung Jaras Sang Electric Ltd.,Part.

Characterization and Condition : The samples were visually inspected and found in good condition before test.

Sample Quantity : 23 Sample

Date of receipt : June 02, 2005

Date of test : August 12, 2005

Reference Standard : MANUFACTURE'S SPEC

Clause of test : 1. Dimension Checked
2. Galvanized Test

Test Result : As shown in the next page

Checked By:

(Mr.Satapane Onchantr)

Electrical Engineer

- 8 NOV 2005

Date

ApproveBy:

(Mr. Chairatana Suppavatee)

Chief of General Equipment Testing Section

- 8 NOV 2005

Date

GT No 1142/2548

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The test result does not concern any electrical system energization. The result in this Test Report relates only to the item tested, and does not certify the quality of any products having same brand or trade mark sold in the market. This Test Report shall not be used for advertisement and shall not be reproduced except in full, without the written approval of the testing laboratory.

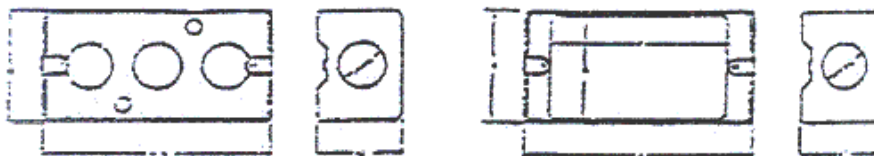


RESEARCH AND DEVELOPMENT DEPARTMENT
ELECTRICAL EQUIPMENT TESTING DIVISION
GENERAL EQUIPMENT TESTING SECTION
256 Nakhonchai Sri Road Thanon Nakhonchai Sri, Dusit Bangkok 10500
Tel. 0-2242-5405. 0-2242-5406 Fax. 0-2242-5125

TEST REPORT

Subject : Handy Box 2 1/2" x 4" x 2 1/8" IP.41
Standard size : $\varnothing$ 1/2" - 1"
Standard Material : ☒ Sheet steel ☐ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : MANUFACTURE'S SPEC
Sheet steel Outlet Boxes, Device Boxes, Covers and Box Supports. Hot dip galvanized.

HANDY BOXES



Catalog No.	KO (inch)	Depth (inch)	Dimension (mm)			Wall thickness		Zinc. Coating(micron.)	
			A	B	C	Spec	Inspect.	Ave.Spec	Inspected
HSWAH010201	1/2 x 3/4 x 1/2	1.51	100.21	65.10	40.05	1.20	1.61	12.72	80
HDWAH010201	1/2 x 3/4 x 1/2	1.95	101.03	65.11	52.90	1.20	1.589	12.72	70
HDWAH0202	3/4 x 3/4	1.98	100.82	65.14	51.87	1.20	1.650	12.72	100
HDWAH0203	3/4 x 1	1.98	101.27	65.00	52.39	1.20	1.74	12.72	110
HDWAH	Not punch	1.98	101.20	65.00	52.85	1.20	1.69	12.72	100
HDWEH10201	Extension	1.98	101.09	65.02	52.95	1.20	1.61	12.72	90

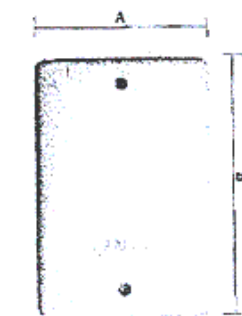


RESEARCH AND DEVELOPMENT DEPARTMENT
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255 Nakhonchaisri Road Thenon Nakhonchaisri, Dusit Bangkok 10300
Tel. 0-2242-5405, 0-2242-5406 Fax. 0-2242-5125

TEST REPORT

Subject : Cover for Handy Box 2 1/2" x4" x2 1/8"
Standard size :
Standard Material : ☒ Sheet steel ☐ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : MANUFACTURE'S SPEC
Sheet steel Outlet Boxes, Device Boxes, Covers and Box Supports. Hot dip galvanized.

Cover for Handy Box 2 1/2" x4" x2 1/8"



Catalog No.	Dimension (mm)		Wall thickness (mm.)		Zinc. Coating(micron)	
	A	B	Min.Spec	Inspected	Ave.Spec	Inspected
CHDAH	70.00	105.00	1.20	1.30	12.72	80

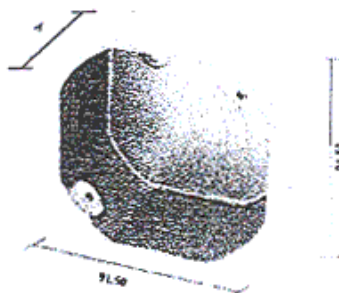


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Tel. 0-2242-5405, 0-2242-5406 Fax. 0-2242-5125

TEST REPORT

Subject : Octagon Box IP.41
Standard size : $\varnothing \frac{1}{2}'' - 1''$
Standard Material : ☒ Sheet steel ☐ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : MANUFACTURE'S SPEC
Sheet steel Outlet Boxes, Device Boxes, Covers and Box Supports. Hot dip galvanized.

OCTAGON BOXES



Catalog No.	Depth (inch)	Size (inch)	Dimension (mm)	Weight (kg) Per 100	Wall thickness		Zinc. Coating(micron.)	
			A		Spec	Inspect.	Ave.Spec	Inspected
OGSAH 0102	2 1/8	1/2 x 3/4	36.12	18.40	1.20	1.60	12.72	70
OGDAH 0102	2 1/8	1/2 x 3/4	54.54	24.50	1.20	1.66	12.72	100
OGDAH 0202	2 1/8	3/4 x 3/4	53.26	25.40	1.20	1.68	12.72	40
OGDAH 0203	1 1/2	3/4 x 1	53.25	25.00	1.20	1.60	12.72	80

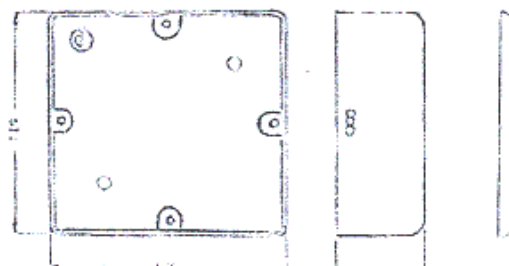


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256 Nakhonchai Road Thanon Nakhonchai, Dusit Bangkok 10300
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TEST REPORT

Subject : Square Box 4" x 4" x 2 1/8" IP.41
Standard size : $\varnothing \frac{1}{2}$ " - 1"
Standard Material : ☒ Sheet steel ☐ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : MANUFACTURE'S SPEC
Sheet steel Outlet Boxes, Device Boxes, Covers and Box Supports. Hot dip galvanized.

Square Box 4" x 4" x 2 1/8"



Catalog No.	Size (inch)	Dimensions (mm)		KO (inch)	Wall thickness		Zinc Coating (micron.)	
		A	B		Spec	Inspected	Ave.Spec	Inspected
S2SH010201	1 1/2	4.00	1 1/2	$\frac{1}{2} \times \frac{3}{4} \times \frac{1}{2}$	1.20	1.60	12.72	100
S2DH010201	2 1/8	4.00	2 1/8	$\frac{1}{2} \times \frac{3}{4} \times \frac{1}{2}$	1.20	1.60	12.72	80
S2DH0202	2 1/8	4.00	2 1/8	$\frac{3}{4} \times \frac{3}{4}$	1.20	1.62	12.72	100
S2DH0203	2 1/8	4.00	2 1/8	$\frac{3}{4} \times 1$	1.20	1.61	12.72	80
S2DH0303	2 1/8	4.00	2 1/8	1 x 1	1.20	1.66	12.72	100
S2DH010101	2 1/8	4.00	2 1/8	$\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$	1.20	1.60	12.72	90
S2SHN	1 1/2	4.00	1 1/2	Not punch	1.20	1.73	12.72	110
S2DHN	2 1/8	4.00	2 1/8	Not punch	1.20	1.70	12.72	110
S2SEHN	1 1/2	4.00	1 1/2	Extension	1.20	1.70	12.72	100
S2SEHN	2 1/8	4.00	2 1/8	Extension	1.20	1.72	12.72	100

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256 Nakhonchaisri Road Thanon Nakhonchaisri, Dusit Bangkok 10300
Tel. 0-2242-5405, 0-2242-5406 Fax. 0-2242-5125

TEST REPORT

Subject : Blank Cover for Octagon
Standard size :
Standard Material : ☒ Sheet steel ☐ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : MANUFACTURE'S SPEC
Sheet steel Outlet Boxes, Device Boxes, Covers and Box Supports. Hot dip galvanized.

Blank Cover for Octagon



Catalog No.	Dimension (mm)			Weight (Kg) Per 100	Zinc. Coating(micron)	
	A	B	C		Ave.Spec	Inspected
COGAH	104.00	104.00	1.00	6.00	12.72	95



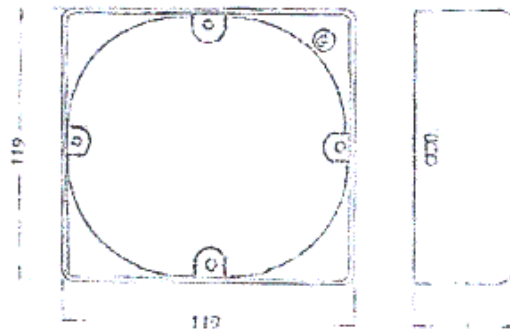
RESEARCH AND DEVELOPMENT DEPARTMENT
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256 Naikhonchaisri Road Thanon Naikhonchaisri, Dusit Bangkok 10300
Tel. 0-2242-5405, 0-2242-5406 Fax. 0-2242-5125

TEST REPORT

Subject : Square Box 4" x 4" x 2 1/8" Extension Rings IP.41
Standard size : $\varnothing \frac{1}{2}'' - 1''$
Standard Material : ☒ Sheet steel ☐ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : MANUFACTURE'S SPEC

Sheet steel Outlet Boxes, Device Boxes, Covers and Box Supports. Hot dip galvanized.

Square Box 4"x4"x 2 1/8" Extension Rings



Catalog No.	Size (inch)	Dimension (mm)	KO (inch)	Wall thickness		Zinc. Coating(micron.)	
		A		Spec	Inspect.	Ave.Spec	Inspected
S2DEH010201	2 1/8	53.35	$\frac{1}{2} \times \frac{3}{4} \times \frac{1}{2}$	1.20	1.47	12.72	70
S2DEH0202	2 1/8	53.35	$\frac{3}{4} \times \frac{3}{4}$	1.20	1.45	12.72	80
S2DEH0203	2 1/8	53.35	$\frac{3}{4} \times 1$	1.20	1.46	12.72	90
S2DEH0303	2 1/8	53.35	1 x 1	1.20	1.47	12.72	70

GT No 1142/2548

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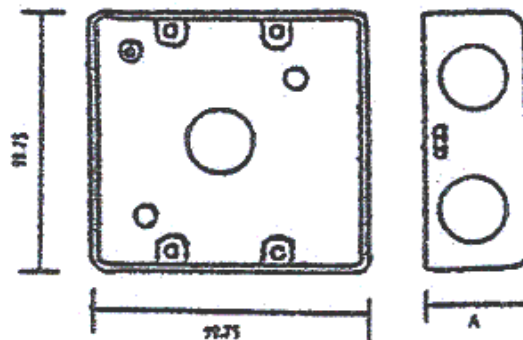
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256 Naldonchaisri Road Thianon Naldonchaisri, Dusit Bangkok 10300
Tel. 0-2242-5405, 0-2242-5406 Fax. 0-2242-5125

TEST REPORT

Subject : Square Box 4" x 4" x 2 1/8" IP.41
Standard size : $\varnothing \frac{1}{2}'' - 1''$
Standard Material : ☒ Sheet steel ☐ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : MANUFACTURE'S SPEC

Sheet steel Outlet Boxes, Device Boxes, Covers and Box Supports. Hot dip galvanized.

Square Box 4"x4"x 2 1/8"



Catalog No.	Size (inch)	Dimension (mm)	KO (inch)	Wall thickness		Zinc. Coating(micron.)	
		A		Spec	Inspect.	Ave.Spec	Inspected
SQ210HD050075050	2 1/8	53.40	$\frac{1}{2} \times \frac{3}{4} \times \frac{1}{2}$	1.4	1.45	12.72	80
SQ210 HD075	2 1/8	53.40	$\frac{3}{4} \times \frac{3}{4}$	1.4	1.45	12.72	80
SQ210 HD075100	2 1/8	53.40	$\frac{3}{4} \times 1$	1.4	1.46	12.72	70
SQ210 HD100100	2 1/8	53.40	1 x 1	1.4	1.47	12.72	90

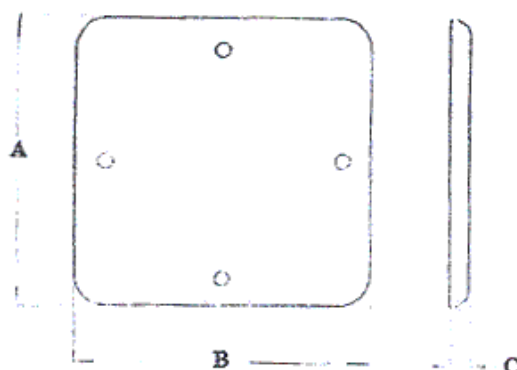


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256 Nakhonchai Sri Road Thanon Nakhonchai Sri, Dusit Bangkok 10360
Tel. 0-2242-5405, 0-2242-5406 Fax. 0-2242-5125

TEST REPORT

Subject : Cover for Square Box 4" x 4"
Standard size : $\varnothing \frac{1}{2}'' - 1''$
Standard Material : ☒ Sheet steel ☐ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : MANUFACTURE'S SPEC
Sheet steel Outlet Boxes, Device Boxes, Covers and Box Supports. Hot dip galvanized.

Cover for Square Box 4" x 4"



Catalog No.	Dimension (mm)			Weight (Kg) Per 100	Wall thickness		Zinc. Coating(micron)	
	A	B	C		Spec	Inspected	Ave.Spec	Inspected
CSQ44A4	108	108	6.30	10.60	1.20	1.43	12.72	100

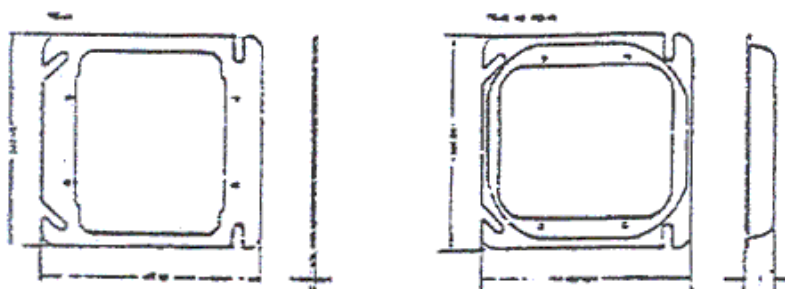


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GENERAL EQUIPMENT TESTING SECTION
256 Nakhonchulert Road Thanon Nakhonchulert, Dusit Bangkok 10300
Tel. 0-2242-5405, 0-2242-5406 Fax. 0-2242-5125

TEST REPORT

Subject : Raised Cover two Device
Standard size :
Standard Material : ☒ Sheet steel ☐ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : MANUFACTURE'S SPEC
Sheet steel Outlet Boxes, Device Boxes, Covers and Box Supports. Hot dip galvanized.

Raised Cover two Device



Catalog No.	Dimension (mm)	Wall thickness (mm) / T		Zinc Coating(micron)	
	T	Spec	Inspected	Ave.Spec	Inspected
CR2DAH	1.00	1.00	1.00	12.72	120
CR2DAH 14	6.35	1.00	1.00	12.72	80
CR2DAH 38	9.50	1.00	1.00	12.72	60
CR2DAH 12	12.70	1.00	1.00	12.72	80



RESEARCH AND DEVELOPMENT DEPARTMENT

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GENERAL EQUIPMENT TESTING SECTION

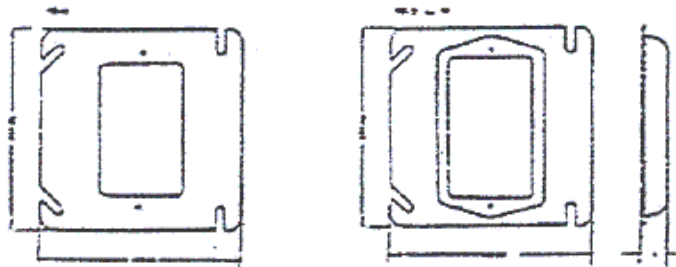
256 Nakhonchaisri Road Thanon Nakhonchaisri, Dusit Bangkok 10300

Tel. 0-2242-5405, 0-2242-5406 Fax. 0-2242-5125

TEST REPORT

Subject : Raised CoverSingle Device
Standard size :
Standard Material : ☒ Sheet steel ☐ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : MANUFACTURE'S SPEC
Sheet steel Outlet Boxes, Device Boxes, Covers and Box Supports. Hot dip galvanized.

Raised CoverSingle Device



Catalog No.	Dimension (mm)	Wall thickness (mm) / T		Zinc. Coating(micron)	
	T	Spec	Inspected	Ave.Spec	Inspected
CRIDAH	1.00	1.00	1.00	12.72	120
CRIDAH 14	6.35	1.00	1.00	12.72	80
CRIDAH 38	9.50	1.00	1.00	12.72	60
CRIDAH 12	12.70	1.00	1.00	12.72	80



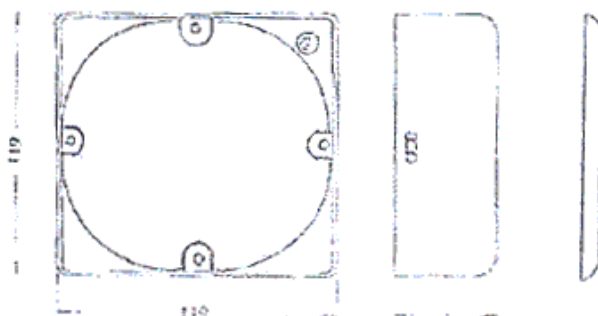


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Tel. 0-2242-5405, 0-2242-5406 Fax. 0-2242-5125

TEST REPORT

Subject : Adaptable Boxes and Cover
Standard size :
Standard Material : ☒ Sheet steel ☐ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : MANUFACTURE'S SPEC
Sheet steel Outlet Boxes, Device Boxes, Covers and Box Supports. Hot dip galvanized.

Adaptable Boxes and Cover



Catalog No.	Size (inch)	Dimension (mm)	KO (inch)	Wall thickness		Zinc Coating(micron.)	
		A		Spec	Inspect.	Ave.Spec	Inspected
S55H010201	2 1/8	52.40	1/2 x 1/4 x 1/2	1.20	1.45	12.72	80
S55H0202	2 1/8	52.40	3/4 x 3/4	1.20	1.45	12.72	80
S55H0203	2 1/8	52.40	3/4 x 1	1.20	1.40	12.72	70
S55H0303	2 1/8	52.40	1 x 1	1.20	1.40	12.72	80
S55SA0102	2 1/2	52.40	1/2 x 3/4 x 1/2	1.20	1.40	12.72	90

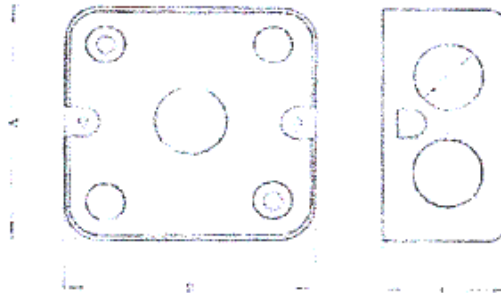


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Tel. 0-2242-5405, 0-2242-5406 Fax. 0-2242-5125

TEST REPORT

Subject : MK.Square Boxes 3" x 3" IP.41
Standard size : $\varnothing \frac{1}{2}$ "
Standard Material : ☒ Sheet steel ☐ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : MANUFACTURE'S SPEC
Sheet steel Outlet Boxes, Device Boxes, Covers and Box Supports. Hot dip galvanized.

MK.Square Boxes 3" x 3"



Catalog No.	Size (inch)	Dimension (mm)			Wall thickness (mm)		Zinc. Coating(micron)	
		A	B	C	Spec Min.	Inspected	Ave.Spec	Inspected
MKSHA	$\frac{1}{2} \times \frac{1}{2}$	72.50	72.50	37.75	1.20	1.45	12.72	80

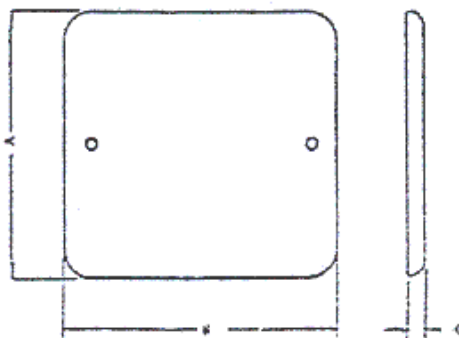


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Tel. 0-2242-5405, 0-2242-5406 Fax. 0-2242-5125

TEST REPORT

Subject : MK.Square Cover
Standard size : $\varnothing \frac{1}{2}$ "
Standard Material : ☒ Sheet steel ☐ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : MANUFACTURE'S SPEC
Sheet steel Outlet Boxes, Device Boxes, Covers and Box Supports. Hot dip galvanized.

MK.Square Cover



Catalog No.	Dimension (mm)			Wall thickness (mm)		Zinc. Coating(micron)	
	A	B	C	Spec Min.	Inspected	Ave.Spec	Inspected
CMKH	77.90	77.90	5.00	1.0	1.00	12.72	70



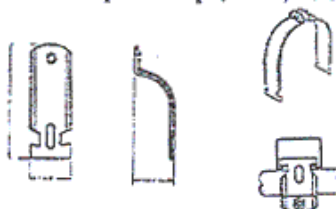
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Tel. 0-2242-5405, 0-2242-5406 Fax. 0-2242-5125

TEST REPORT

Subject : Conduit Pipe Clamp (IMC,RSC.)
Standard size : $\varnothing \frac{1}{2}$ "
Standard Material : ☒ Sheet steel ☐ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : MANUFACTURE'S SPEC

Sheet steel Outlet Boxes, Device Boxes, Covers and Box Supports. Hot dip galvanized.

Conduit Pipe Clamp (IMC,RSC.)



Catalog No.	Size (inch)	Dimension (mm)			Wall thickness (mm)		Zinc Coating(micron)	
		A	B	C	Spec Min.	Inspected	Ave.Spec	Inspected
PCRAH 01	$\frac{1}{2}$	54.00	31.00	15.00	1.20	1.85	12.72	120
PCRAH 02	$\frac{3}{4}$	60.00	31.00	13.50	1.20	1.85	12.72	100
PCRAH 03	1	65.00	31.00	14.50	1.20	1.89	12.72	90
PCRAH 04	1 $\frac{1}{4}$	77.50	31.00	22.50	1.20	1.57	12.72	80
PCRAH 05	1 $\frac{1}{2}$	80.50	31.00	27.50	1.20	1.99	12.72	75
PCRAH 06	2	98.00	31.00	27.50	1.20	1.89	12.72	80
PCRAH 07	2 $\frac{1}{2}$	107.00	31.00	35.00	1.20	1.97	12.72	75
PCRAH 08	3	125.00	31.00	37.00	1.20	1.98	12.72	95
PCRAH 09	3 $\frac{1}{2}$	136.50	31.00	58.50	1.20	1.80	12.72	70
PCRAH 10	4	151.50	31.00	62.00	1.20	2.06	12.72	60
PCRAH 11	5	178.00	31.00	54.00	1.20	2.00	12.72	80
PCRAH 12	6	218.50	31.00	89.50	1.20	2.00	12.72	80

GT No 1142/2548

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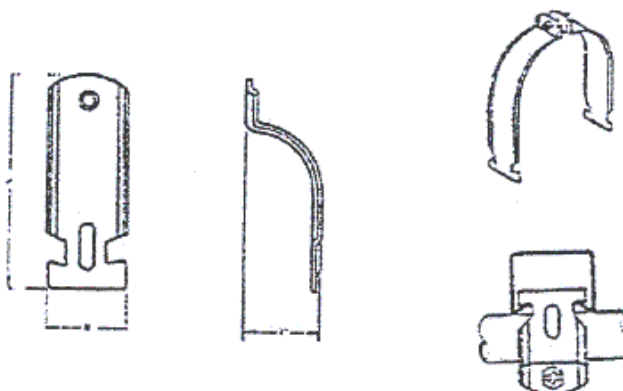


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256 Nakhonchaisri Road Thanon Nakhonchaisri, Dusit Bangkok 10300
Tel. 0-2242-5405, 0-2242-5406 Fax. 0-2242-5125

TEST REPORT

Subject : EMT. Pipe Clamps for Channels.
Standard size : $\varnothing \frac{1}{2}$ "
Standard Material : ☒ Sheet steel ☐ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : MANUFACTURE'S SPEC
Sheet steel Outlet Boxes, Device Boxes, Covers and Box Supports. Hot dip galvanized.

EMT. Pipe Clamps for Channels.



Catalog No.	Size (inch)	Dimension (mm)			Wall thickness (mm)		Zinc. Coating(micron)	
		A	B	C	Spec Min.	Inspected	Ave.Spec	Inspected
PCEAH 01	$\frac{1}{2}$	54.18	31.60	16.00	1.20	1.80	12.72	100
PCEAH 02	$\frac{3}{4}$	5.28	31.60	13.00	1.20	1.80	12.72	100
PCEAH 03	1	64.45	31.60	16.50	1.20	1.78	12.72	120
PCEAH 04	1 $\frac{1}{4}$	76.40	31.60	20.50	1.20	1.57	12.72	120
PCEAH 05	1 $\frac{1}{2}$	80.00	31.60	22.50	1.20	1.60	12.72	80
PCEAH 06	2	94.00	31.60	30.00	1.20	1.60	12.72	100

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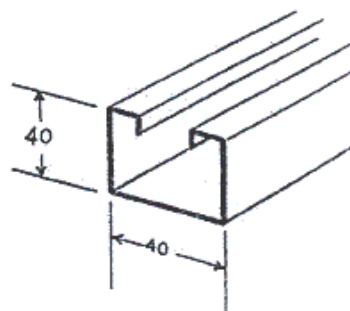
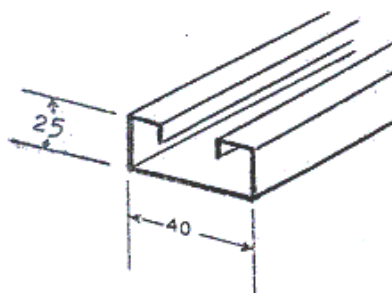


RESEARCH AND DEVELOPMENT DEPARTMENT
ELECTRICAL EQUIPMENT TESTING DIVISION
GENERAL EQUIPMENT TESTING SECTION
256 Nakhonchai Sri Road Thanon Nakhonchai Sri, Dusit Bangkok 10300
Tel. 0-2242-5405, 0-2242-5406 Fax. 0-2242-5125

TEST REPORT

Subject : Channels & Support System
Standard size : 1.20 m – 2.40 m
Standard Material : ☒ Sheet steel ☐ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : MANUFACTURE'S SPEC
Sheet steel Outlet Boxes, Device Boxes, Covers and Box Supports. Hot dip galvanized.

Channels & Support System



Catalog No.	Size (mm)	Thickness (mm)		Height (mm)		Width (mm)		Zinc. Coating(micron)	
		Spec	Inspected	Spec	Inspected	Spec Min.	Inspected	Ave.Spec	Inspected
CSAH25	25 x 40	2.0	2.20	25.00	25.06	40.00	40.55	12.72	100
CSAH40	40 x 40	2.0	2.25	40.00	40.50	40.00	40.16	12.72	80

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TEST REPORT

Subject : Standard Clip
Standard size : $\varnothing \frac{1}{2}'' - 2''$
Standard Material : ☒ Sheet steel ☐ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : MANUFACTURE'S SPEC
Sheet steel Outlet Boxes, Device Boxes, Covers and Box Supports. Hot dip galvanized.

Standard Clip



Catalog No.	Size (inch)	Dimensions (mm)	Wall thickness (mm)		Zinc Coating (micron)	
		A	Spec Min.	Inspected	Ave. Spec	Inspected
SDCAH 01	$\frac{1}{2}$	21.00	1.20	1.30	12.72	90
SDCAH 02	$\frac{3}{4}$	26.50	1.20	1.45	12.72	90
SDCAH 03	1	33.30	1.20	1.59	12.72	90
SDCAH 04	1 $\frac{1}{4}$	41.90	1.20	1.56	12.72	90
SDCAH 05	1 $\frac{1}{2}$	47.80	1.20	1.60	12.72	50
SDCAH 06	2	59.60	1.20	1.60	12.72	80

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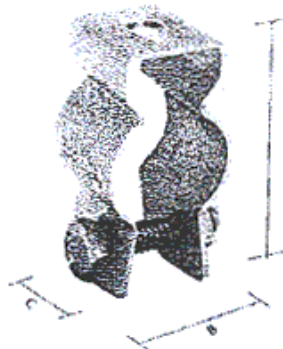


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TEST REPORT

Subject : CABLE CLAMP
Standard size : $\varnothing \frac{1}{2}" - 2"$
Standard Material : ☒ Sheet steel ☐ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : MANUFACTURE'S SPEC
Sheet steel Outlet Boxes, Device Boxes, Covers and Box Supports. Hot dip galvanized.

CABLE CLAMP



Catalog No.	Size (inch)	Dimensions (mm)			Weight (kg) Per 100	Wall thickness		Zinc Coating (micron)	
		A	B	C		Spec.	Inspected	Ave. Spec	Inspected
CCAH 01	$\frac{1}{2}$	47.00	22.30	22.25	3.35	1.20	1.22	12.72	80
CCAH 02	$\frac{3}{4}$	52.00	26.70	22.25	3.50	1.20	1.25	12.72	90
CCAH 03	1	62.00	32.00	22.25	4.50	1.20	1.25	12.72	100

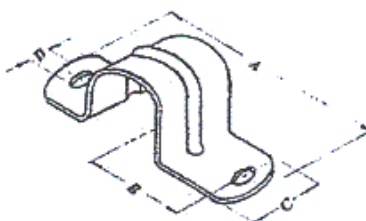


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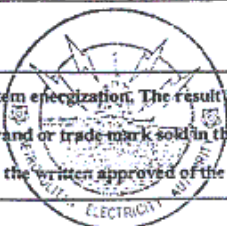
TEST REPORT

Subject : Strap R.G.
Standard size : $\varnothing \frac{1}{2}'' - 2''$
Standard Material : ☒ Sheet steel ☐ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : MANUFACTURE'S SPEC
Sheet steel Outlet Boxes, Device Boxes, Covers and Box Supports. Hot dip galvanized.

Strap R.G.



Catalog No.	Size (inch)	Dimensions (mm.)				Wall thickness (mm)		Zinc Coating (micron.)	
		A	B	C	D	Spec Min.	Inspected	Ave.Spec	Inspected
SR2AH 01	$\frac{1}{2}$	67.70	25.13	16.00	4.65	1.0	1.0	12.72	50
SR2AH 02	$\frac{3}{4}$	64.60	24.30	17.20	5.00	1.0	1.0	12.72	100
SR2AH 03	1	73.50	27.93	17.70	4.90	1.0	1.0	12.72	60
SR2AH 04	1 $\frac{1}{4}$	82.60	24.35	18.00	4.60	1.0	1.04	12.72	60
SR2AH 05	1 $\frac{1}{2}$	87.30	37.58	18.20	4.05	1.0	1.37	12.72	100
SR2AH 06	2	118.40	49.75	18.80	4.75	1.0	1.16	12.72	60
SR2AH 07	2 $\frac{1}{2}$	134.25	54.85	22.75	5.85	1.0	1.80	12.72	80
SR2AH 08	3	165.51	73.82	22.00	6.00	1.0	1.85	12.72	90
SR2AH 09	3 $\frac{1}{2}$	186.22	82.10	25.50	6.15	1.0	1.80	12.72	80
SR2AH 10	4	192.86	84.23	25.50	6.15	1.0	1.80	12.72	100



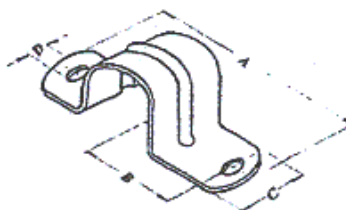


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TEST REPORT

Subject : Strap EMT.
Standard size : $\varnothing \frac{1}{2}$ " - 2"
Standard Material : ☒ Sheet steel ☐ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : MANUFACTURE'S SPEC
Sheet steel Outlet Boxes, Device Boxes, Covers and Box Supports. Hot dip galvanized.

Strap EMT.



Catalog No.	Size	Dimensions (mm.)				Weight (kg.) Per 100	Zinc. Coating (micron.)		Wall thickness (mm)	
		A	B	C	D		Ave.Spec	Inspected	Ave.Spec	Inspected
SE2AE 01	$\frac{1}{2}$	52.00	19.30	15.60	4.65	8.00	3.8	14	1.0	1.0
SE2AE 02	$\frac{3}{4}$	63.00	28.84	15.83	4.65	12.00	3.8	15	1.0	1.0
SE2AE 03	1	70.10	29.45	19.00	4.75	16.00	3.8	15	1.0	1.0
SE2AE 04	1 $\frac{1}{4}$	87.10	37.51	18.94	4.60	24.00	3.8	15	1.0	1.04
SE2AE 05	1 $\frac{1}{2}$	92.40	39.25	19.40	4.65	30.00	3.8	15	1.0	1.15
SE2AE 06	2	119.85	50.00	19.35	5.00	34.00	3.8	15	1.0	1.16

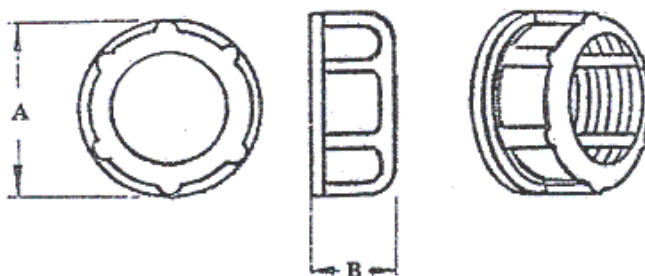


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TEST REPORT

Subject : Bushing
Standard size : $\varnothing \frac{1}{2}'' - 2''$
Standard Material : ☒ Sheet steel ☐ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : MANUFACTURE'S SPEC
Sheet steel Outlet Boxes, Device Boxes, Covers and Box Supports. Hot dip galvanized.

Bushing



Catalog No.	Size (inch.)	Dimensions (mm)		Wall thickness (mm)		Zinc Coating (micron.)	
		A	B	Spec	Inspect.	Spec	Inspect.
BHAH 01	$\frac{1}{2}$	26.30	10.96	1.20	1.27	12.72	60
BHAH 02	$\frac{3}{4}$	33.00	12.30	1.20	1.68	12.72	100
BHAH 03	1	40.40	14.22	1.20	1.80	12.72	100
BHAH 04	1 $\frac{1}{4}$	49.90	14.60	1.20	2.28	12.72	60
BHAH 05	1 $\frac{1}{2}$	55.00	14.20	1.20	2.32	12.72	60
BHAH 06	2	67.40	13.45	1.20	2.42	12.72	50
BHAH 07	2 $\frac{1}{2}$	82.75	16.50	1.20	2.80	12.72	80
BHAH 08	3	98.80	21.54	1.20	2.69	12.72	70
BHAH 09	3 $\frac{1}{2}$	110.48	17.77	1.20	2.80	12.72	90
BHAH 10	4	124.04	22.10	1.20	2.83	12.72	70

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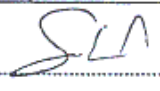
TEST REPORT

Subject : Lock nut
Standard size : $\varnothing \frac{1}{2}'' - 2''$
Standard Material : ☒ Sheet steel ☐ Cast Iron
Galvanize Finished : ☐ Electro galvanized ☒ Hot Dip galvanized
Trade mark : ABSO
Reference Standard : MANUFACTURE'S SPEC
Sheet steel Outlet Boxes, Device Boxes, Covers and Box Supports. Hot dip galvanized.

Lock nut



Catalog No.	Size (inch.)	Dimensions (mm)		Wall thickness (mm)		Zinc Coating (micron.)	
		A	B	Spec	Inspect.	Spec	Inspect.
LNSAH 01	$\frac{1}{2}$	29.52	3.90	1.20	3.00	12.72	40
LNSAH 02	$\frac{3}{4}$	36.10	4.42	1.20	3.00	12.72	80
LNSAH 03	1	45.38	5.24	1.20	3.00	12.72	75
LNSAH 04	1 $\frac{1}{4}$	53.70	4.70	1.20	3.50	12.72	140
LNSAH 05	1 $\frac{1}{2}$	61.33	4.90	1.20	3.51	12.72	90
LNSAH 06	2	74.45	6.30	1.20	4.10	12.72	70
LNSAH 07	2 $\frac{1}{2}$	88.49	5.50	1.20	4.00	12.72	65
LNSAH 08	3	107.98	6.63	1.20	4.00	12.72	70
LNSAH 09	3 $\frac{1}{2}$	120.11	5.50	1.20	4.11	12.72	80
LNSAH 10	4	135.85	7.08	1.20	4.10	12.72	60

Test / Supervised By : 

(Mr. Somkid Srimek)

Electrical Equipment Tester Technic 7

Date : 8 NOV 2005

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