



RESEARCH AND DEVELOPMENT DEPARTMENT  
ELECTRICAL EQUIPMENT TESTING DIVISION  
GENERAL EQUIPMENT TESTING SECTION  
258 Nakhonchaisri Road Thenon Nakhonchaisri, Dusit Bangkok 10300  
Tel. 0-2242-5402, 0-2242-5405 Fax. 0-2242-5125

TEST REPORT GT. NO. 1074 / 2548

Electrical Metallic Tubing, Zinc Coated (EMT.Conduit)  
ท่อเหล็กกล้าเคลือบสังกะสี สำหรับใช้ร้อยสายไฟฟ้าประเภทที่ 1  
ห้างหุ้นส่วนจำกัด รุ่งรัชแสวงการไฟฟ้า  
เครื่องหมายผลิตภัณฑ์ : ABSO



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

GT No 1074/2548

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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 approved of the testing laboratory.

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

มท.17025-2543



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TEST REPORT

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

Referred to : RJS 016/2548 ลงวันที่ 22 พฤษภาคม 2548  
(TSR 1074/48 ลงวันที่ 2 สิงหาคม 2548)

Test Specimen : ท่อเหล็กกล้าเคลือบสังกะสี สำหรับใช้ร้อยสายไฟฟ้าประเภทที่ 1  
Electrical Metallic Tubing, Zinc Coated (EMT.Conduit)

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 : 6 ea.

Date of receipt : June 01, 2005

Date of test : August 02, 2005

Reference Standard : TIS.770-2533 Standard for Zinc Coated Steel Conduits for Electrical Wiring  
ANSI C 80.3 1986 Electrical Metallic Tubing, Zinc Coated

Test Result : As shown in the next page

Checked By .....

(Mr.Satapana Onchantr)

Electrical Engineer

Date 18 AUG 2005 .....

Verified By .....

(Mr. Chairatana Suppavatec)

Chief of General Equipment Testing Section

Date 18 AUG 2005 .....

GT No 1074/2548

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### TEST REPORT

Electrical Metallic Tubing , Zinc Coated (EMT. Conduit)  
ท่อเหล็กกล้าเคลือบสังกะสี สำหรับใช้ร้อยสายไฟฟ้า ประเภทที่ 1

Applicable Standard : Standard for Zinc Coated Steel Conduits for Electrical Wiring  
TIS.770-2533

#### 1. Dimension and Weight

Trade size of Tubing (Dia.)		External Dia. (mm.)		Wall thickness (mm.)		Length (mm.)		Min Acceptable Weight (Kgs./10 ea)	
mm.	Inch	Spec.	Inspected	Spec.	Inspected	Spec.	Inspected	Spec.	Inspected
15	½	17.9 ±0.2	18.0	1.07	1.07	3050 ± 6	3050	12.9	14.8
20	¾	23.4 ±0.2	23.0	1.24	1.24	3050 ± 6	3052	19.7	19.9
25	1	29.5 ±0.2	29.5	1.45	1.45	3050 ± 6	3050	29.0	30.0
32	1 ¼	38.4 ±0.2	38.4	1.65	1.65	3050 ± 6	3052	43.1	46.0
40	1 ½	44.2 ±0.2	44.2	1.65	1.65	3050 ± 6	3052	49.9	54.0
50	2	55.8 ±0.2	55.8	1.65	1.65	3050 ± 6	3052	63.5	68.0

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2. Zinc Coating (Test method : by magnetic Test meter)

The zinc content of the coating on the outside surface shall be Equivalent to a minimum Thickness of 20 Micron

Trade size Tubing		Thickness of zinc Coating		Test Result
mm.	Inch.	Sample No.1	Sample No.2	
15	½	53	30	Passed
20	¾	52	35	Passed
25	1	30	40	Passed
32	1 ¼	44	42	Passed
40	1 ½	27	37	Passed
50	2	28	43	Passed

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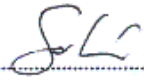
3. Ductility Test : Bending properties

Requirement : the test samples shall be without Developing Cracks in the metal or showing any visible signs of splits or Injurious Defected in weld area.

Trade size of tubing		Test Result
mm.	Inch.	Sample No. 1
15	½	Passed
20	¾	Passed
35	1	Passed
32	1 ¼	Passed
40	1 ½	Passed
50	2	Passed

Marking : ABSO EMT

ANSI C 80.3 MADE IN THAILAND

Test / Supervised By : 

( Mr.Somkid Srimek)

Electrical Equipment Tester Technic 7

Date : 18 AUG 2005

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