



检验编号: MT2014-0438

Reference No.:

# 检 验 报 告

## Test Report

试 样 名 称 灰白色低烟无卤硬管

Name of product: Grey low-smoke halogen-free rigid conduit pipe

型 号 规 格 20mm-25mm

Type and size:

委 托 单 位 上海日成电子有限公司

Client: SHANGHAI RICHENG ELECTRONICS CO., LTD

检 验 类 别 委托检验

Kind of test: Customer-ordered test

机械工业电工材料及特种线缆产品质量监督检测中心

MACHINERY INDUSTRY QUALITY SUPERVISION AND TEST CENTER  
FOR ELECTRICAL MATERIAL AND SPECIAL WIRE & CABLE



# 机械工业电工材料及特种线缆产品质量监督检测中心

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|                           |                                                                                                                                                                                                                                                                                                                                                                                                           |                  |                            |                                                                                                |           |             |          |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------------|------------------------------------------------------------------------------------------------|-----------|-------------|----------|
| 试样名称<br>Name of product   | 灰白色低烟无卤硬管<br>Grey low-smoke halogen-free rigid conduit pipe                                                                                                                                                                                                                                                                                                                                               |                  |                            |                                                                                                |           |             |          |
| 型号规格<br>Type and size     | 20mm-25mm                                                                                                                                                                                                                                                                                                                                                                                                 |                  | 状态描述<br>Sample Description | 灰白色试片、管子, 符合测试要求<br>Grey pipe, sheet, meet the requirements of test                            |           |             |          |
| 检验类别<br>Kind of test      | 委托检验<br>Customer-ordered test                                                                                                                                                                                                                                                                                                                                                                             |                  | 检验编号<br>Reference No.      | MT2014-0438                                                                                    |           |             |          |
| 委托单位<br>Client            | 上海日成电子有限公司<br>SHANGHAI RICHENG ELECTRONICS CO., LTD                                                                                                                                                                                                                                                                                                                                                       |                  | 地 址<br>Address             | 上海奉贤区柘林镇新申工业区平林路555号<br>PINGLIN ROAD 555, XINSHENG INDUSTRIAL AREA, ZHELIN, FENGXIAN, SHANGHAI |           |             |          |
| 生产单位<br>Producer          | 上海日成电子有限公司<br>SHANGHAI RICHENG ELECTRONICS CO., LTD                                                                                                                                                                                                                                                                                                                                                       |                  | 到样日期<br>Date of receipt    | 2014. 04. 08                                                                                   |           |             |          |
| 取样方式<br>Delivering method | 自送<br>Sample delivered by customer                                                                                                                                                                                                                                                                                                                                                                        | 送样人<br>Deliverer | 张锦烽<br>Zhang Jinfeng       | 邮政编码<br>Zip code                                                                               | 200327    | 电话号码<br>Tel | 64893666 |
| 检验依据<br>Test standard     | ASTM E662-2013d Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials<br>IEC 60754-1-2011 Test on gases evolved during combustion of materials from cables Part 1: Determination of the halogen acid gas content<br>IEC 60754-2- Test on gases evolved during combustion of materials from cables Part 2: Determination of acidity (by pH measurement) and conductivity |                  |                            |                                                                                                |           |             |          |
| 检验日期<br>Test date         | 2014.04.08 — 2014.04.24                                                                                                                                                                                                                                                                                                                                                                                   |                  |                            |                                                                                                |           |             |          |
| 检验结论<br>Conclusion        | 来样所测2项性能为实测值。<br>The two properties of the test specimen are the measured values.                                                                                                                                                                                                                                                                                                                         |                  |                            |                                                                                                |           |             |          |
| 备 注<br>Remarks            | 烟密度试验试片平均厚度: 有焰1.10mm; 无焰1.06mm<br>Average thickness of specimen for specific optical density of smoke test :Flaming 1.10mm; Non-flaming 1.06mm                                                                                                                                                                                                                                                           |                  |                            |                                                                                                |           |             |          |
| 编 写<br>Edit               | 丁晓青                                                                                                                                                                                                                                                                                                                                                                                                       | 审 核<br>Review    | 张 磊                        | 批 准<br>Approval                                                                                | 张 磊       |             |          |
| 日 期<br>Date               | 2014.4.24                                                                                                                                                                                                                                                                                                                                                                                                 | 日 期<br>Date      | 2014.4.25                  | 日 期<br>Date                                                                                    | 2014-4-28 |             |          |



| 试样型号和规格:<br>Type and size:                                                                                         |                                             | 20mm-25mm  | 检验编号:<br>Reference No.: |                     | MT2014-0438              |
|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------|-------------------------|---------------------|--------------------------|
| 序号<br>No.                                                                                                          | 检 验 项 目<br>Item of test                     | 单位<br>Unit | 标准要求<br>Requirement     | 检验结果<br>Test result | 单项判定<br>Judgement        |
| 1                                                                                                                  | 硬管<br>Rigid conduit pipe                    |            |                         |                     |                          |
| 1.1                                                                                                                | pH值<br>pH value                             | —          | —                       | 5.0                 | 实测值<br>Measured<br>value |
| 1.2                                                                                                                | 电导率<br>Conductivity                         | μ S/mm     | —                       | 0.6                 | 实测值<br>Measured<br>value |
| 1.3                                                                                                                | 卤酸气体含量<br>Halogen acid gas<br>content       | mg/g       | —                       | 4.0                 | 实测值<br>Measured<br>value |
| 2                                                                                                                  | 试片<br>Sheet                                 |            |                         |                     |                          |
| 2.1                                                                                                                | 烟密度<br>Specific optical<br>density of smoke |            |                         |                     |                          |
| 2.1.1                                                                                                              | 无焰<br>Non-flaming                           | —          | —                       | 230                 | 实测值<br>Measured<br>value |
| 2.1.2                                                                                                              | 有焰<br>Flaming                               | —          | —                       | 254                 | 实测值<br>Measured<br>value |
|                                                                                                                    | —以下空白—<br>—End of report—                   |            |                         |                     |                          |
| 注: “√”表示该项目合格, “×”表示该项目不合格。<br>Note: “√” means that the item is qualified, “×” means that the item is unqualified. |                                             |            |                         |                     |                          |



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Appendix



| 序号<br>No.       | 设备名称<br>Name of equipment | 设备编号<br>Equipment number | 检定有效日期<br>Date of validity |
|-----------------|---------------------------|--------------------------|----------------------------|
| 1               | 烟密度试验箱(附件                 | Q075                     | 2015. 02. 06               |
| 2               | 测厚仪                       | D165                     | 2014. 12. 26               |
| 3               | 电子天平                      | T014                     | 2014. 06. 27               |
| 4               | 电导率仪                      | Y085                     | 2015. 04. 13               |
| 5               | 酸度计                       | Y088                     | 2014. 06. 05               |
| 6               | 卤酸气体测定装置                  | Q090                     | 2014. 12. 29               |
| 7               | 具塞滴定管                     | D097                     | 2022. 03. 03               |
| —以下空白—<br>—End— |                           |                          |                            |

