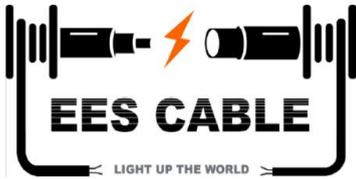


Test Report

| Products | ABC-ASTM-ACSR | | Size | 1×6AWG+6AWG | |
|-------------------------------|---|---|-------------|---------------|------------|
| Standard | ICEA S-76-474 | Invoice No. | 20220903001 | Date | 2022.09.03 |
| NO. | Item | Standards and Requirements | | Test Results | Evaluation |
| Structure | | | | | |
| Phase Core | | | | | |
| 1 | | | | | |
| 1-1 | Number of core | 1 | | 1 | Qualified |
| 1-2 | Conductor Structure | 7*1.55 | | 7*1.55 | Qualified |
| 1-3 | Conductor Material | AL | | AL | Qualified |
| 1-4 | Outer Stranding Direction Of Lay | Rightward | | Rightward | Qualified |
| 1-5 | Lay Ratio | 10-16 | | 13.5 | Qualified |
| 1-6 | Conductor Dia. | 4.65 | | 4.70 | Qualified |
| Insulation | | | | | |
| 2-1 | Insulation Material | UV-XLPE | | UV-XLPE | Qualified |
| 2-2 | Color | Black | | Black | Qualified |
| 2-3 | Average Thickness Of Insulation | ≥1.22 | | 1.25 | Qualified |
| 2-4 | Min. Thickness Of Insulation | ≥1.14 | | 1.15 | Qualified |
| 2-5 | Surface Of Insulation | Smooth, Clean | | Smooth, Clean | Qualified |
| 2-6 | Printing Of Insulation | Printing should contains manufacturer, product and size, voltage etc. Printing should be clear, easily recognized, fastness | | Passed | Qualified |
| ACSR Neutral-Messenger | | | | | |
| 3-1 | Steel Wire | 1*1.68(-0.03,+0.04) | | 1*1.68 | Qualified |
| 3-2 | AL. Wire | 6*1.68(-0.03,+0.03) | | 6*1.68 | Qualified |
| 3-3 | Outer Stranding Direction Of Lay | Rightward | | Rightward | Qualified |
| 3-4 | Lay Ratio | 12-14.5 | | 13.0 | Qualified |
| 3-5 | Conductor Dia. | 5.04 | | 5.1 | Qualified |
| Electrical Performance | | | | | |
| 3-1 | 20℃ Max D.C Resistance Of Phase Conductor | ≤ 2.17 Ω /KM | | 2.08 | Qualified |
| 3-2 | 20℃ Max D.C Resistance Of Messenger Conductor | ≤ 2.16 Ω /KM | | 2.07 | Qualified |



Hangzhou Easy Electric Wire and Cable Co.,LTD

Add: Room 305, Building 2, No. 380 Fengxin Road Hangzhou, China

www.eescable.com

| | | | | |
|-----|---|--------------|--------------|-----------|
| 3-3 | Alternating Voltage Stress Testing (3.0kv/1min) | No Breakdown | No Breakdown | Qualified |
| 4 | Insulation Machinery Performance | | | |
| 4-1 | Elongation At Stress | $\leq 175\%$ | 60% | Qualified |
| 4-2 | Permanent Elongation After Cooling | $\leq 15\%$ | 0% | Qualified |

Tested by: Shaoqiong He

Checked by: Guohui Xu

杭州益睿电线电缆有限公司
HANGZHOU EASY ELECTRIC WIRE AND CABLE CO., LTD.

Hangzhou Easy Electric Wire and Cable Co.,LTD

Add: Room 305, Building 2, No. 380 Fengxin Road, Hangzhou, China