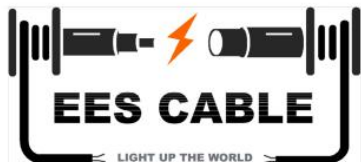


TEST REPORT

Products	ACSR Partridge		Size	266MCM	
Standard	ASTM B232	Invoice No.	20230518006	Date	2023.05.18
NO.	Item	Standards and Requirements		Test Results	Evaluation
1	Structure				
1-1	Number Of AL Wire	26		26	Qualified
1-2	Number Of Steel Wire	7		7	Qualified
1-3	Diameter Of Conductor	16.28mm±0.16		16.29	Qualified
1-4	20°C Max D.C Resistance	≤0.2141 Ω /km		0.2116	Qualified
1-5	Outer Stranding Direction Of Conductor	Rightward		Rightward	Qualified
1-6	Grease	IEC Case 3		IEC Case 3	Qualified
1-7	Calculated breaking load	50.28KN		54.18	Qualified
1-8	Finished weight	545.7KG±10.9		546.9	Qualified
2	Surface Of Conductor				
2-1	Surface Quality	The Surface Shall Be Smooth, Stranded Compactly, No Missing, Broken, Jumping or Loosing Strands.		Smooth, Compact	Qualified
3	Aluminum Wire Properties				
3-1	Diameter Of AL Wire	2.57mm±0.03		2.57	Qualified
3-2	Min. Tensile Strength	180 N		185	Qualified
3-3	20°C Max D.C Resistivity	0.028172		0.028159	Qualified
3-4	Elongation(250mm)	≥1.6%		2.0%	Qualified
4	Steel Wire Properties				



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4-1	Diameter Of Steel Wire	2.0mm(+0.04,-0.03)	2.0	Qualified
4-2	Min. Tensile Strength	1450 N	1520	Qualified
4-3	Mass of Zinc Coating	≥ 220 g/m ²	255	Qualified
4-4	Elongation(250mm)	$\geq 3\%$	3.5%	Qualified

Tested by: Shaoqiong He

Checked by: Guohui Xu

杭州益睿电线电缆有限公司
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