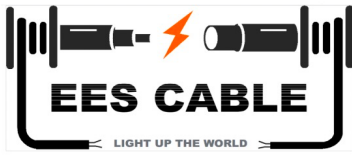


TEST REPORT

Products	ACSR Partridge		Size	26*2.57+7*2.0	
Standard	ASTM B230 B232	Invoice No.	20221228003	Date	2022.12.28
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	16.28 ± 0.16		16.34	Qualified
1-4	20°C Max D.C Resistance	0.2141		0.2075	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	Structure Performance				
3-1	Outer Stranding Direction Of Conductor	Rightward		Rightward	Qualified
3-2	Lay Ratio Of Conductor	12-14		12.5	Qualified
4	Aluminum Wire Properties				
4-1	Diameter Of AL Wire	2.57 ± 0.03		2.57	Qualified
4-2	Min. Tensile Strength	180 N/mm2		185	Qualified
4-3	20°C Max D.C Resistivity	0.028172		0.028160	Qualified
4-4	Elongation(250mm)	1.6%		1.9%	Qualified



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4-5	Wrapping Test	The wire shall be wrapped around 8 times the diameter of the wire, from a close helix 6 turns, wire shall not crack	Not crack	Qualified
5	Steel Wire Properties			
5-1	Diameter Of Steel Wire	2.0(-0.03,+0.04)	2.0	Qualified
5-2	Min. Tensile Strength	1450 N/mm ²	1560	Qualified
5-3	Mass of Zinc Coating	≥220 g/m ²	247	Qualified
5-4	Elongation(250mm)	≥3%	4.4%	Qualified

Tested by: Shaoqiong He

Checked by:Guohui Xu

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