



Hangzhou Easy Electric Wire and Cable Co.,LTD

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

www.eescable.com

TEST REPORT

Products	ACSR Hawk		Size	26*3.44+7*2.68	
Standard	ASTM B230 B232	Invoice No.	20221229001	Date	2022.12.29
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	21.79mm		21.81	Qualified
1-4	20°C Max D.C Resistance	0.1195 Ω/km		0.1105	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		12.8	Qualified
4	Aluminum Wire Properties				
4-1	Diameter Of AL Wire	3.44mm		3.44	Qualified
4-2	Min. Tensile Strength	170 N/mm ²		193	Qualified
4-3	20°C Max D.C Resistivity	0.028172		0.027696	Qualified
4-4	Elongation(250mm)	1.8%		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	2.68(-0.03,+0.04)	2.68	Qualified
5-2	Min. Tensile Strength	1410 N/mm ²	1575	Qualified
5-3	Mass of Zinc Coating	≥ 230 g/m ²	255	Qualified
5-4	Elongation(250mm)	≥ 3%	4.4%	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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