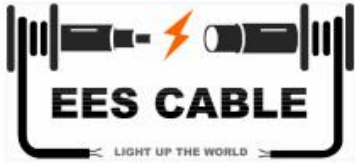


TEST REPORT

Products	ACSR NFC Canna		Size	116.2MCM	
Standard	IEC61809、IEC60888、IEC60889	Invoice No.	20230805002	Date	2023.08.05
NO.	Item	Standards and Requirements		Test Results	Evaluation
1	Structure				
1-1	Number Of AL Wire	30		30	Qualified
1-2	Number Of Steel Wire	7		7	Qualified
1-3	Diameter Of Conductor	14.0		14.0	Qualified
1-4	20°C Max D.C Resistance	$\leq 0.306 \Omega / km$		0.294	Qualified
1-5	The direction of outer layer	Rightward		Rightward	Qualified
1-6	Lay Ratio Of Conductor	10-14		11.2	Qualified
1-7	Overall breaking force	43.15KN		52.77	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	Material	Hard drawn aluminum wire		Hard drawn aluminum wire	Qualified
3-2	Diameter Of AL Wire	$2.0 \pm 0.02 mm$		2.0	Qualified
3-3	Min. Tensile Strength	185N/mm ²		198	Qualified
3-4	Resistivity at 20°C	≤ 0.028264		0.027539	Qualified
4	Steel Wire Properties				



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4-1	Diameter Of Steel Wire	$2.0 \pm 0.03\text{mm}$	2.0	Qualified
4-2	Min. Tensile Strength	1340N/mm ²	1524	Qualified
4-3	Min.stress at 1% elongation	$\geq 1170\text{N/mm}^2$	1210	Qualified
4-4	Elongation	$\geq 3\%$	4.5%	Qualified
4-5	Weight of zinc coating	$\geq 215\text{g}$	237	Qualified

Tested by: Shaoqiong He

Checked by: Guohui Xu