



TEST REPORT

Products	ACSR		Size	266.8MCM	
Standard	26/2.57+7/2.0	Invoice No.	20230107001	Date	2023.1.7
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±10%	16.32	Qualified	
1-4	20°C Max D.C Resistance	≤0.2141 Ω/km	0.1941	Qualified	
1-5	The direction of outer layer	Right- handed	Right- handed	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	26/2.57	26/2.57	Qualified	
3-3	Min. Tensile Strength	170N/mm ²	184	Qualified	
3-4	Resistivity at 20°C	≤0.028264	0.027678	Qualified	
3-5	Elongation in 10 in	1.6%	2.0%	Qualified	
4	Steel Wire Properties				
4-1	Diameter Of Steel Wire	7/2.0	7/2.0	Qualified	

4-2	Min. Tensile Strength	1450N/mm ²	1568	Qualified
4-3	Min.stress at 1% elongation	≥1310N/mm ²	1368	Qualified
4-4	Elongation	≥3%	8%	Qualified

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