



Hangzhou Easy Electric Wire and Cable Co.,LTD

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

www.eescable.com

TEST REPORT

Product name: ACSR

Quantity: 3 piece

Specification Model: ACSR 4.77/6+4.77/1

Batch Quantity: 7500m

No: PUO.20230330002

Date of report: April 15, 2023

No	Test items	Unit	standard requirement	Inspection result
1	structure size			
1.1	The number of Aluminum wire diameter	root mm	6 4.77±0.03mm	6 4.76 4.75 4.755
1.2	Aluminum wire twist		right	right
1.3	Aluminum pitch ratio	times	10-14	12.2
1.4	The number of Wire diameter	root mm	1 4.77±0.05mm	1 4.75 4.76 4.76
1.5	Strand direction		/	/
1.6	Steel wire pitch ratio	times	/	/
2	Workmanship quality		Bright and clean. Twisted tightly	accord
3	Aluminum wire properties			
4.1	tensile strength	MPa	Average not less than160	183
4.2	winding experiment		1d, 8 turns, 6 turns, rewinding without breaking	PASS
4.3	Conductor DC Resistance (20℃)	Ω/km	Not more than0.2667Ω/km	0.2474
5	Steel wire properties			
5.1	tensile strength	N/mm ²	Not less than1380	1525
5.2	Stress at 1% elongation	N/mm ²	Not less than1170	1210
5.3	Elongation	%	Not less than3.5%	4.8
5.4	winding test		(1d, 8 circles) no break	PASS
5.5	Zinc layer weight test	g/m ²	305	318
5.6	Zinc layer adhesion test		No cracks, no falling off	accord
6	Stranded wire outer diameter	mm	14.31	14.32

Conclusion: After inspection, the above items all meet the standard requirements of the technical agreement.

Inspection: Zhang Xuedian

Reviewer: Zhao Youyou

Approval: Wang Aihong

杭州益睿电线电缆有限公司
HANGZHOU EASY ELECTRIC WIRE AND CABLE CO., LTD.