



Test Report

Edition: A

No.: JL/CXA14-19

Sample Date		2023-6- 10		Report Date		2023-6-10			
Specs and Types		SHD-GC 3*350MCM + 2000V 2*2/0AWG + 1*8AWG		Serial No. of Test		X6-11			
Production Notice		HTZZ230505JJ		Implemented by		ICEA S-75-381			
Items	Testings	Standard		Measured				Single Judgement	
	No. of wires X sectional area			3*350MCM + 2*2/0AWG + 1*8AWG					
	Core identification			Black	White	Red	Bare	Bare	Yellow
1	Structural sizes								
1.1	Conductor materials	Tin plated copper		Tin plated copper				Pass	
	No. of wires	888/327/133	pcs	888	888	888	327	327	133
1.2	Average thickness of insulation	Min. 2.60	mm	2.64	2.65	2.45	/	/	1.16
	Thickness of the thinnest point of insulation	Min. 2.34	mm	2.43	2.64	2.48	/	/	1.09
1.3	Tinned copper wire diameter for braiding	0.3	mm	0.3	0.3	0.3			/
1.4	Average thickness of total sheath	6.0	mm	6.1				/	
	Total sheath thickness of the thinnest points	Min. 3.44	mm	5.				Pass	
1.5	Overall Diameter of cable	67.8~75.0	mm	266				Pass	
2	Electrical properties			8.9					
2.1	DC resistance of Conductor at 25 °C	Max. 0.109	Ω/km	0.106	0.105	0.106	0.291	0.292	2.376
		/0.294						Pass	
		/2.414							
2.2	Voltage test(Power core) (AC:9.5kV/5min)	No breakdown		No breakdown				Pass	
2.3	Voltage test(Power core) (DC:28.5kV/15min)	No breakdown		No breakdown				Pass	
2.4	Voltage test(Pilot core) (AC:3kV/15s)	No breakdown						No break down	

Notes:

Conclusion:

The above measured values comply with requirements of ICEA S-75-381.

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

Test by:

[Signature]

Verified by:

[Signature]

Approved by:

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