

Halogen Verification Report No. TSNEC2100114302 Date: Mar 05, 2021 Page 1 of 7

JINZHOU KAIMEI POWER CO., LTD

NO.139.7 SECTION CHONGQING ROAD, LINGHE DISTRICT, JINZHOU CITY, LIAONING PROVINCE, CHINA.

Sample Name:	SUPERCAPACITOR WINDING- MODUL
SGS Ref:	TP21-000356-TJ
Verification Period:	20 Jan 2021 –18 Feb 2021
Verification Requested	: With reference to the client's request., verify chlorine and bromine concentration of the submitted sample.
Verification Method	 : Test was performed for the samples indicated by the photos in the report with below test methods: (1) Screening by XRF Spectroscopy; (2) Wet Chemical Test Method: With reference to EN 14582:2016, determination of Chlorine and Bromine by IC.
Verification Summary	: Based on the verification results of the submitted sample, each homogenous material subject to verification in the submitted sample has a maximum concentration of 900mg/kg bromine or chlorine and a maximum concentration of 1500mg/kg total chlorine and bromine.

Signed for and on behalf of SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.

ason

Jason Li Approved Signatory





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ttention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 14remail: <u>CN.Doccheck@sgs.com</u> SGS Mansion, No.41, The 5th Avenue TEDA, Tianjin, China 300457 t (86-22) 65288000 www.sgsgroup.com

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In accordance with the result of material risk assessment, the following disjointed parts in the submitted sample have been verified.

Part No.	Part Description	BOM No.	Restricted Substances	Results of EDXRF ⁽¹⁾	Results of IC Testing ⁽²⁾ (mg/kg)	CI/Br≪ 900 mg/kg	Cl+Br≪ 1500 mg/kg	Sample Submitted / Resubmitted Date	
1 Blue plastic	Plue plastie	electio	CI	IN	ND	Comply	Comple	20 Jan 2021	
	Blue plastic	Br	BL		Comply	Comply	20 Jan 2021		
2	2 Colorful plastic(label)		CI	BL		Comply	Comply	20 Jan 2021	
2		plastic(label)	Br	BL		Comply	Comply	20 Jan 2021	
2	3 Black plastic		CI	BL		Comply	Comply	20 Jan 2021	
5				Br	BL		Comply	Comply	20 Jan 202 I
4	, Black SMD		CI	BL		Comply	Comply	20 Jan 2021	
4 audion(PCB)		Br	BL		Comply	Compiy	20 541 2021		
5 Green PCB		Orner DOD		CI	IN	206	Comply	Comply	20 Jan 2021
	Green FOB		Br	BL		Comply	Comply	20 Jail 2021	

Details on Verification



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Part No.	Part Description	BOM No.	Restricted Substances	Results of EDXRF ⁽¹⁾	Results of IC Testing ⁽²⁾ (mg/kg)	Cl/Br≪ 900 mg/kg	Cl+Br≪ 1500 mg/kg	Sample Submitted / Resubmitted Date	
6 Blue plastic	Dhua plastia			CI	IN	ND	Comply	Comply	20 Jan 2021
		Br	BL		Comply	Comply	20 041 2021		
7	7 Black rubber		CI	BL		Comply	Comply	20 Jan 2021	
,		bei	Br	BL		Comply			
8	Brown 8 plastic(adhesive tape)		CI	BL		Comply	Comply	20 Jan 2021	
		Br	BL		Comply	Comply	20 041 2021		
9 Black coating		CI	BL		Comply	Comply	20 Jan 2021		
		Br	BL		Comply	Comply	20 041 2021		
10 W	White paper	White paper	White paper	White paper	CI IN 161	161	Comply	Comply	20 Jan 2021
						Br	BL		Comply



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Remark

(1) (a) Results are obtained by EDXRF for primary screening, and further chemical testing by IC for CI, Br. (unit: mg/kg)

Element	Judgement			
CI	BL≤(400-3σ) <in< td=""></in<>			
Br	BL≤(600-3σ) <in<(1300+3σ) td="" ≤ol<=""></in<(1300+3σ)>			

- (b) BL = Below Limit, OL = Over Limit, IN = Inconclusive.
- (c) The XRF screening test for Cl, Br elements The reading may be different to the actual content in the sample be of non-uniformity composition.
- (2) (a) mg/kg = ppm = 0.0001%, ND = Not Detected (<MDL), --- = Not Conducted.
 - (b) Unit and Method Detection Limit (MDL) in IC test

Test Items	CI	Br
Units	mg/kg	mg/kg
MDL	50	50



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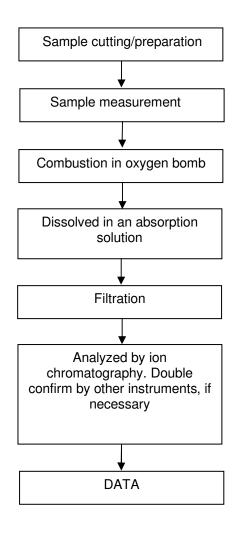


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ATTACHMENTS

Halogen Testing Flow Chart





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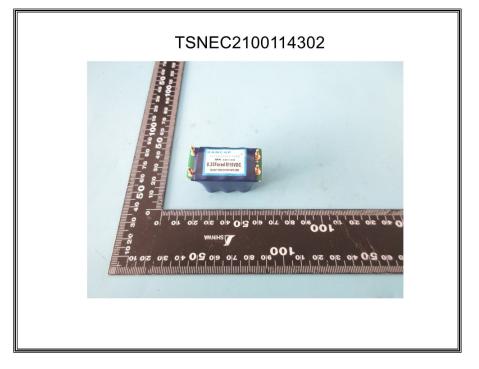
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Sample photo:







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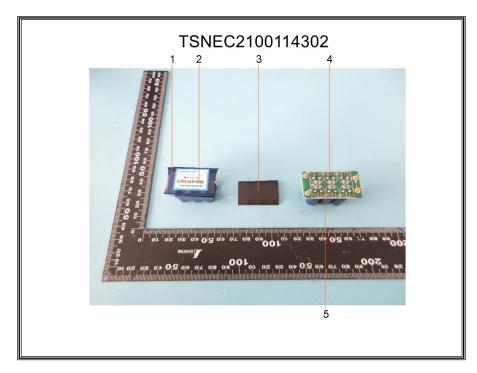
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SGS authenticate the photo on original report only *** End of Report ***



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