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## INSPECTION REPORT

To :	BROVILLE AWS	Date:	06-Nov-2018
Att :	SALAH Nader		
From :	David Xue	E-mail :	david.xue@sgs.com

SGS File No.:	CNTSN1630017	Product family view
Buyer :	TROVIAARE BWS	
Supplier :	RONGXING INTERNATIONAL CO.,LTD.	
Manufacturer :	RONGXING INTERNATIONAL CO.,LTD.	
Style Number:	N/A	
Product description:	Graphite electrodes	
P.O. Number:	RX20181011-N	
L/C Number:	/	
Service performed :	FRI	
Inspection Date :	5-Dec-2018	
Inspection Location :	Handan, Hebei, China	

### Inspection Criteria

Reference sample provided by	Not Available
Client instruction/specification	NO
SGS WI number	N/A
Other	Nil

### Overall Inspection Conclusion:

**Subject to client's evaluation**

### Inspection Summary:

1. Quantity:	Subject to client's evaluation
2. Style, color:	Subject to client's evaluation
3. Workmanship appearance / function :	Conform
4. Data measurement / field tests:	Subject to client's evaluation
5. Packing :	Subject to client's evaluation
6. Marking / label :	Subject to client's evaluation

### Problem Remark:

- No spec. or tolerance for some data measurement, We record the actual findings. Details pls. refer to point-4.
- Factory can not provide equipment to check Nipple Resistance, we just check the raw material Resistance, the data was only for reference.

 Inspector: Tony Zhang

 Factory Representative: Mr. Hao

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- Factory provide a list to show the weight (marked on product, 153pcs), please see point-7 for details

-Actual found 1pcs have crack mark on the Nipple, factory replaced this one onsite.



Replace Nipple Photos(1)



Replace Nipple Photos(2)

**1. Quantity:** Subject to client's evaluation

No	Style / Item/ Article	P.O. No.	Order Qty.	Inspection Qty. (Presented Qty. for insp.)		Number of Cartons	
				Packed	Not Packed	Packed	Not packed
1	/	RX20181011-N	153	153	0	0	0
Total:			153	153	0	0	0

-Actual found the Electrode and Nipple has been assembled.

**2. Style & Color Conformity:** Subject to client's evaluation

Comments:

-No ref. sample for comparison in inspection.

**3. Workmanship Appearance / Functional Inspection Findings:** Within AQL

**Inspection Method Applied:**

ANSI / ASQ Z1.4- 2008, Single sampling plans for normal inspection,

Level I Sample size: 20

Acceptance Quality Limit (AQL) for: Critical: Not Allowed Major: 2.5 Minor: 4.0

Defect description	Critical	Major	Minor
Found no defect	0	0	0
Total defectives:	0	0	0
Maximum allowed:	0	0	1

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**4. Product-Specific Data Measurement / Field Test on Reduced Sample Size:** Subject to client's evaluation

Check points	Qty	Test Result	Specification/Tolerance
Electrode Dia.(mm)	3	178,178,178	175mm(174mm-179mm)
Electrode Length(mm)	3	1830,1793,1766	1800mm(+/_100mm)
Electrode Weight(mm)	3	73.5,72,73.5	/
Electrode Resistance ( $\mu\Omega$ )	3	6.0,5.7,5.6	$\leq 6.5$
Nipple Max.Dia(mm)	3	108,107,108	/
Nipple Length(mm)	3	165,165,165	/
Nipple Depth(mm)	3	85,86,84	/
Nipple Weight(kg)	3	1.86,1.86,1.88	/
Nipple Resistance ( $\mu\Omega$ ) (Raw material)	3	3.8,3.7,3.8	$\leq 6.5$
Total Weight	3	75.5,74,75	On product:75,75,75
Total Volume (cm <sup>3</sup> ) (Electrode+ Nipple)	3	45537,44542,43795	/
Total Density (g/cm <sup>3</sup> ) (Electrode+ Nipple)	3	1.65,1.66,1.71	>1.64

**5. Packing:**

5.1 Individual packing conformity: Subject to client's evaluation

Comments:

-Actual found individual products did not have individual packing.

5.2 Inner packing conformity: Subject to client's evaluation

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## 9. Attachment



02.pallet view (2)

03.mark on the pallet (1)



04.label

05.product view (1)

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05. product view (2)



06. product view (3)



06. product view (4)



07. weight check (1)



07. weight check (2)



07. weight check (3)

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08. Resistance for Raw Material of Nipple (1)



08. Resistance for Raw Material of Nipple (2)



08. Resistance for Nipple Raw Material (3)



08. Resistance for Nipple Raw Material (4)



09. size check (1)



09. size check (2)

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