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## INSPECTION REPORT

To :		Date:	09-Nov-2017
Att :			
From :	Sienna Li	E-mail :	sienna.li@sgs.com

SGS File No.:	CNTAO10028441	Product family view
Buyer :		
Supplier :		
Manufacturer :	GONGYI RONGXIN CARBON PRODUCTS CO. LTD	
Style Number:	UHP450	
Product description:	GRAPHITE ELECTRODES	
P.O. Number:	RX20171023	
L/C Number:	N/A	
Service performed :	FRI	
Inspection Date :	From 07-Nov-2017 to 08-Nov-2017	
Inspection Location :	Liaoyang, Liaoning, China	

### Inspection Criteria

Reference sample provided by	Not Available
Client instruction/specification	Yes
SGS WI number	N/A
Other	N/A

### 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:

- For product weight, there is no specification/tolerance; we check the density according to factory's method that including the nipple.

 Inspector: Yan Jin

 Factory Representative: Mr. Liu

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2. Only resistivity and bulk density test for electrode can be done on site, other tests can't be done.
3. The product length and density beyond tolerance.
4. There's 6pcs extra nipples.



**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	UHP450	RX201710	80	74	0	37	0
Total:			80	74	0	37	0

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

Comments:

Inspector: Yan Jin

Factory Representative: Mr. Liu

**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: N/A 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	1	2

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

Check points	Qty	Test Result	Specification/Tolerance
Product dia check	3	456.88, 456.94, 456.75 mm	450 ± 100mm
Product length check	3	2046, 2040, 2042 mm	1800 ± 100mm
Product weight check	3	560, 559, 560 kg	N/A
Product resistance check	1	5.1 μ Ω M	< 5.5 μ Ω M
Product density check	1	1.67g/cm3	> 1.7g/cm3

**5. Packing:**

5.1 Individual packing conformity : Not Applicable  
 Comments:

5.2 Inner packing conformity : Subject to client's evaluation  
 Comments:  
 2 pcs per pallet.

5.3 Export packing conformity : Subject to client's evaluation  
 Comments:  
 2 pcs put on a wooden board secured by metal bands, with polyfoam on two sides, then secured by wooden board & metal bands.

5.4 Samples selected from carton numbers:  
 Total selected 10 pallets, pallet number as follow: 3, 6, 7, 9, 10, 14, 35, 21, 23, 28

**6. Marking / Label:**

Inspector: Yan Jin Factory Representative: Mr. Liu

6.1 Bar code: Not Applicable

6.2 Shipping mark conformity: Conform

Comments:

Attached on one short side of pallet by staples, detail pls see attached photo.

6.3 Marking & label conformity: Not Applicable

Comments:

**7. Informative Remark:**

Nil

**8. Inspection Environment:**

Lighting :	Daylight	
	Sufficient	
Inspection place :	Factory workshop	Tester
Inspection done on:	Other	
Cleanliness :	Clean	
Weather condition:	Dry	

**9. Attachment**



1.pallet stack (1).JPG



1.pallet stack (2).JPG

Inspector: Yan Jin

Factory Representative: Mr. Liu



2.pallet.JPG



3.shipping mark.JPG



4.pallet mark.JPG



5.packing.JPG

Inspector: Yan Jin

Factory Representative: Mr. Liu



6.packing (1).JPG



6.packing (2).JPG



7.packing.JPG



8.style.JPG

Inspector: Yan JinFactory Representative: Mr. Liu

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9.size check (1).JPG



9.size check (2).JPG



9.size check (3).JPG



9.size check (4).JPG

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10.weight check (1).JPG



10.weight check (2).JPG



11.resistance check (1).JPG



11.resistance check (2).JPG

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12.extra nipples..JPG

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