

## Test Report

No. TAOML1302206401

Date: 16 Jul 2013

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USOON HOLDINGS INC.LIMITED

8-1-202 ROOM,666,FENJIN RD,E&T&D ZONE,QINGDAO,CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : COPPER PIPE

SGS Job No. : QP130700402 - QD  
Product Specification : 6MM(O.D)\*0.6MM(W.T)  
Date of Sample Received : 11 Jul 2013  
Testing Period : 11 Jul 2013 - 16 Jul 2013  
Test Requested : Selected test(s) as requested by client.  
Test Method : Please refer to next page(s).  
Test Results : Please refer to next page(s).

Signed for and on behalf of  
SGS-CSTC Ltd.



Wang Bo, Claire  
Lab Manager

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
1	TAO13-022064.001	Copper metal pipe

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected ( < MDL )
- (4) "-" = Not Regulated

**RoHS Directive 2011/65/EU**

Test Method : With reference to IEC 62321:2008

- (1) Determination of Cadmium by ICP-OES.
- (2) Determination of Lead by ICP-OES.
- (3) Determination of Mercury by ICP-OES.
- (4) Determination of Hexavalent Chromium by Spot test / Colorimetric Method using UV-Vis.

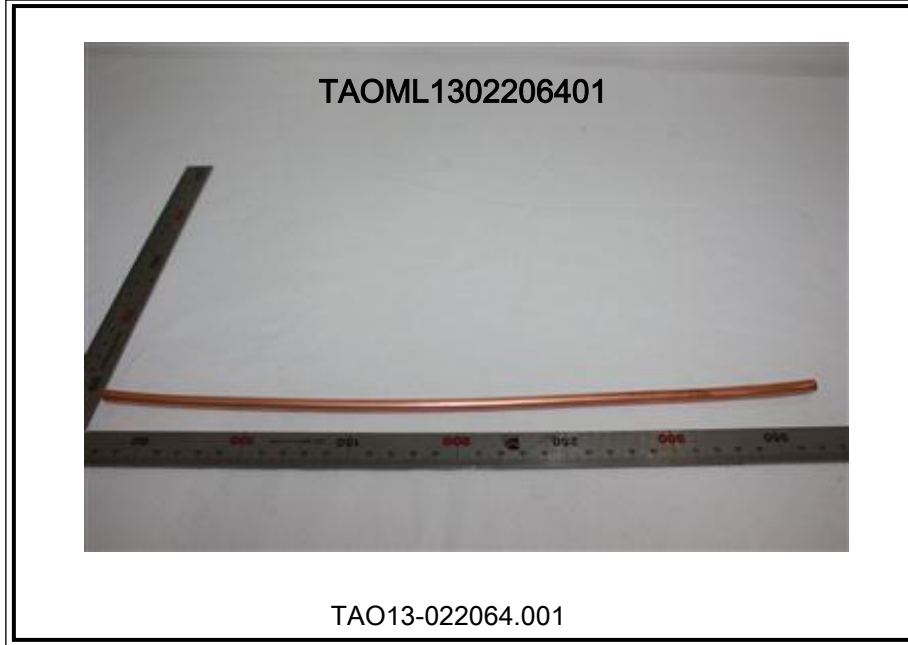
Test Item(s)	Limit	Unit	MDL	001
Cadmium (Cd)	100	mg/kg	2	ND
Lead (Pb)	1000	mg/kg	2	20
Mercury (Hg)	1000	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))	-	-	◇	Negative

Notes :

- (1) The maximum permissible limit is quoted from directive 2011/65/EU, Annex II
- (2) ◇Spot-test:  
 Negative = Absence of CrVI coating, Positive = Presence of CrVI coating;  
 (The tested sample should be further verified by boiling-water-extraction method if the spot test result is Negative or cannot be confirmed.)  
 ◇Boiling-water-extraction:  
 Negative = Absence of CrVI coating  
 Positive = Presence of CrVI coating; the detected concentration in boiling- water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm<sup>2</sup> sample surface area.  
 Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.
- (3) The limit is only for reference.

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Sample photo:



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*

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