



South Asia

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**Test Report No. BLR/RoHS/11/00146**  
**Dated 30.03.2011**

**Applicant** : **SAMANJAS UDYOG PVT. LIMITED**

**Address** : C-37, M.P.Shah Industrial Estate,  
Jamnagar – 361002  
India

**Attention** : Mr. Mehul Rajani

**Tested Sample** : Received on 24.03.2011

**Test Period** : 24.03.2011 to 28.03.2011

**Sample Description** : Brass Rod

**Document Submitted** : Letter Ref. No : SU/124/3951

**Objectives of Examination** : **To test for compliance with 2002/95/EC , 2005/618/EC , 2005/717/EC , 2005/747/EC & 2006/310/EC - Restriction of Hazardous Substances (RoHS)**  
- Lead, Cadmium, Hexavalent Chromium and Mercury



T- 1304

*Note: the submitted samples are Not Drawn by the Laboratory*

**Conclusion**

The submitted sample was evaluated in accordance with the following directives. The verdicts were drawn as follow:

2002/95/EC , 2005/618/EC , 2005/717/EC , 2005/747/EC & 2006/310/EC - Restriction of Hazardous Substances (RoHS) - Lead, Cadmium, Hexavalent Chromium and Mercury	<b>PASS</b>
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**B. Prabudoss**  
**Key Account Manag**

Authorised by

**R. Mahalakshmi**  
**Assistant Manager-Analytical Lab**

*Note: (1) General Terms & Conditions as mentioned overleaf, (2)The results relate only to the items tested, (3)The test report shall not be reproduced except in full without the written approval of the laboratory(4)For details of the accredited scope please contact the laboratory or visit [www.nabl-india.org](http://www.nabl-india.org)*

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**Tests Subject Description:**

SAMPLE NO.	COLOUR	MATERIAL DESCRIPTION	PHOTOGRAPH
SAMPLE 001	---	BRASS ROD	

**Tests Results:**

<p><b>1. HEAVY METALS:</b>            2002/95/EC , 2005/618/EC , 2005/717/EC , 2005/747/EC &amp; 2006/310/EC - Restriction of Hazardous substances (RoHS) - Heavy metals (Lead , Cadmium , Hexavalent chromium and mercury) tests with reference to :  <b>Test Methods:</b> IEC 62321:2008, AAS (Total lead, Total Cadmium and Total Mercury) and Spectrophotometer (Hexavalent Chromium)</p>						
Sample No.	Unit	Total Cadmium	Hexavalent Chromium	Total Mercury	Total Lead	
SAMPLE 001	mg/kg	37.7	ND	ND	20795 *	
RoHS Requirement, Max.	mg/kg	100	1000	1000	1000	
<p><b>Limit of Detection:</b> Total Cadmium, Hexavalent Chromium, Total Lead, Total Mercury – 2 mg/kg</p> <p><b>Note:</b> “mg/kg” denotes milligram/ kilogram.            “ND” means Not Detected.            “ * ” denotes applications of Lead as an alloying element in the tested material [copper alloy] containing up to 40000 mg/kg [4%] Lead by weight is exempted from the requirements of Article 4(1) of RoHS directive 2002/95/EC; Annex, Clause 6</p>						

-- END OF THE TEST REPORT --