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Dr. S. D. Sharma  
Head, MPS

**Government of India**  
**Bhabha Atomic Research Centre**  
**Radiological Physics & Advisory Division**

**Company:** Bharat Imaging Systems, C-373, Ground Floor, Old No. D-162NR AK Chamber, Delhi-110 096

**Date of submission:** 22-06-2023

**Specification of X-ray unit used for carrying out the test:** Siemens Polydoros-LX with high frequency generator (max. 150 kV, max. 800 mA), kV Variation:  $\pm 1$  kV, Output Variation (COV):  $< 0.05$

**Test protocol used:** IS/IEC 61331: PART 3:2014

**Specifications of submitted X-ray radiation protective "BIS INDIA-Lead Glass":**

<u>Sr. No.</u>	<u>Particular</u>	<u>"BIS INDIA-Lead Glass"</u>
1	Weight	4.3 kg
2	Length	30 cm
3	Width	30 cm
4	Thickness	1.0 cm

**Measured lead equivalence of "BIS INDIA- Lead Glass":** 2.0 mm at 100 kVp of X-ray beam

**Tested by:** Dr. (Smt) Reena Sharma, RPAD, BARC

**Signature:** *Reena Sharma*  
04-07-2023

**Checked by:** Philomina A., RPAD, BARC

**Signature:** *Philomina*  
04/07/2023

*S. D. Sharma*  
(S. D. Sharma) 04/07/2023  
Head,  
Medical Physics Section

**Note:** This certificate is issued on the condition that emblem of BARC shall not be used on the tested product or its catalogue. We do not issue duplicate copy of the certificate in any circumstances