

**केन्द्रीय मुहर विभाग -2**

संदर्भ- : के मू वी-2/16: 8183

15 03 2024

विषय: **IS 8183:2024** के **revision** के अनुपालन के दिशा निर्देश

यह उपरोक्त विषय के संदर्भ में है।

सक्षम अधिकारी द्वारा अनुमोदित दिशा निर्देश अनुपालन हेतु संलग्न है।

अनुरोध है कि दिशा निर्देशों का तत्काल प्रभाव से अनुपालन सुनिश्चित करें।

(अमित चौधरी)  
वैज्ञानिक - डी

**प्रमुख (के मू वी 2)**

**सभी क्षेत्रीय/शाखा कार्यालय/प्रयोगशालाएँ/ CHD/LRMD**

**CENTRAL MARKS DEPARTMENT-2**

Our Ref: CMD-2/16: 8183

15 03 2024

**Subject: Guidelines for implementation of Revised IS 8183:2024**

This has reference to the subject mentioned above.

The Competent Authority has approved the enclosed Guidelines for implementation.

It is requested to ensure the implementation of the above Guidelines with immediate effect.

(Amit Choudhary)  
Scientist D

**Head (CMD-2)**

**All ROs/BOs/Labs/CHD/LRMD**

## CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16: 8183

15 03 2024

### **Subject: Guideline for Implementation of revised IS 8183 : 2024 (BONDED MINERAL WOOL – Specification)**

1. IS 8183 : 1993 for **BONDED MINERAL WOOL – SPECIFICATION** has been revised to IS 8183 : 2024, **BONDED MINERAL WOOL – SPECIFICATION**.
2. BONDED MINERAL WOOL as per IS 8183 : 2024 is currently under voluntary certification with 3 Licence for the product in operation in India, and no pending applications.
3. IS 8183 : 1993 and IS 8183 : 2024 are under concurrent running till 13<sup>th</sup> July 2024 and the last date for implementation of revised IS 8183 : 2024 is 13<sup>th</sup> July 2024.
4. The major changes in the standard on account of the revision are given in the table below for general guidance:

#### **The major changes due to the revision is given below -**

<b>Sl no</b>	<b>Clause No. of IS 8183:2023</b>	<b>Changes</b>
1.	Cl. 1 (Scope)	The scope has been modified to include the methods of sampling and test for mineral fiber (rock, slag, glass), semi-rigid and rigid board intended for the use as thermal insulation, whereas in the 1993 version of the standard the scope included the methods of sampling and test for bonded mineral wool for thermal insulation.
2.	Cl. 4.2 (Bulk Density)	The following modifications have been incorporated: a) Group 5 has been introduced for bulk density greater than 160 kg/m <sup>3</sup> ; b) The declared value of the manufacturer for bulk density has been modified from $\pm 15$ percent to $\pm 10$ percent
3.	Cl. 4.4 (Shot Content)	Sieve size of 150 micron has been included and clubbed with 500 micron and 250 micron sieves. Shot Content requirement has been changed to <i>25 percent including all 3 sieve as 500 micron, 250 micron and 150 microns</i> from <i>5 and 15</i> given separately for 500 micron and 250 micron sieves, respectively.
4.	Cl. 4.7 and Table 3 (Thermal Conductivity)	Requirement for thermal conductivity has been given to cover mean temperatures from 10 °C to 427 °C, instead of temperatures from 50 to 300 °C. Also Thermal conductivity has been introduced for Group 5
5.	Cl 4.8	In the clause, limit of sulphur has been reduced from 0.6 to 0.2 percent.
6.	Cl. 4.9.2 (Dimensional Tolerances)	Tolerances for nominal thickness has been modified to -2 to 6 mm from -2 mm.
7.	Cl. 4.11 (Linear shrinkage)	Linear shrinkage has been added as a new requirement.

8.	Cl. 4.12.7 (Leachable Chloride Content), Annex C	Optional requirement of corrosive attack has been replaced with leachable chloride content
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5. The existing Product manual has been revised to incorporate the changes due to the revised IS and it is being circulated separately, through BIS website, as Product Manual Doc: PM/IS 8183/2 March 2024.

6. The guidelines for implementation of the revised IS are as given below:

A. LICENSEES:

- (i) Licensee shall implement the revised Indian Standard by 13<sup>th</sup> July 2024. Any difficulty in implementation shall be brought to the notice of CMD-2 within 30 days from the date of issuance of these guidelines. BO shall ensure that the Licence is not under operation as per IS 8183:1993 (old standard) after 13<sup>th</sup> July 2024. The status of implementation of the revised Indian Standard shall be confirmed by Head (BO) to CMD-II within two weeks of the last date of implementation of concurrent running.
- (ii) Licensee is required to submit evidence of conformity as per the revised IS through In-house Test Reports/ Independent Test Reports.
- (iii) Change in the Test equipment, if any, consequent to the revision of the IS shall be declared by Licencee in Form no 2.
- (iv) Scope of the Licence shall be aligned as per the Revised Product Manual based on the available independent Test Reports and sizes declared by the licensee.
- (v) Verification of implementation of the revised IS, shall be done in the next surveillance visit, preferably within 30 days of confirmation of implementation of the revised standard by licensee.
- (vi) If the Licensee fails to complete all actions by 13<sup>th</sup> July 2024, it shall be dealt with as per the prevailing guidelines.

B. APPLICATIONS FOR GRANT OF LICENCE:

- (i) Existing Applications where Sample has been submitted in the Laboratory/Test Report has been issued by the Laboratory may be processed as per the old standard or the revised standard. However, if the Applicant is desirous of considering the Application, as per the revised IS, a declaration may be obtained from the Applicant to that effect and the Application may be processed accordingly. An undertaking shall also be obtained from such Applicants that if the sample fails while considering the provisions of the revised IS, Licence will not be granted by BIS as per the old version.
- (ii) Applications which are recorded henceforth may be processed as per the old standard / the revised Standard. Processing of Applications as per the old

Standard, shall be permitted only upto 12<sup>th</sup> July 2024. For such cases Applicant shall give a declaration that they will implement the revised Standard by 13<sup>th</sup> July 2024.

(iii) Beyond 13<sup>th</sup> July 2024 no Licence shall be granted as per IS 8183: 1993.

C. CHANGE IN SCOPE OF LICENCE:

- i) For change in scope of licence, the relevant provisions as given above for Applicants shall apply.
- ii) However, processing of such applications for change in scope of licence as per the old Standard shall be permitted only up to the date of implementation of the revised Standard.

7. No application for grant of licence and/or change in scope of licence shall be accepted or grant of licence/change in scope permitted as per IS 8183: 1993 (Old IS) after 13<sup>th</sup> July 2024.

8. BOs are requested to circulate this guideline to the licensees and applicants immediately within 7 days of issuance of this circular.

9. The above guidelines come into force with immediate effect.

(Amit Choudhary)  
Scientist D

Head (CMD-2)  
DDG(Certification)  
Circulated to:

- i) All RO/BOs
- ii) All other concerned - through BIS intranet