

**भारतीय मानक ब्यूरो
(केंद्रीय मुहर विभाग III)**

हमारा संदर्भ : सी एम डी - III/16 : 12406

22 सितम्बर 2021

विषय : पुनरीक्षित आई एस 12406:2021 के अनुपालन के लिए दिशानिर्देश ।

इसमें ऊपर उल्लिखित विषय का संदर्भ है।

सभी शाखा कार्यालय से आग्रह है कि गाइडलाईन का अनुपालन तत्काल प्रभाव से सुनिश्चित करें।

(ऐ के कअंर)
वैज्ञानिक-सी (सी एम् डी-III)

प्रमुख (सी एम डी- III)

सभी क्षेत्रीय /शाखा कार्यालय

**BUREAU OF INDIAN STANDARDS
(Central Marks Department-III)**

Our Ref: CMD-III/16 : 12406

22 Sep 2021

Subject: Guidelines for implementation of revised IS 12406:2021 - 'Medium Density Fibre Boards for General Purpose'

This has reference to the subject mentioned above.

BOs may kindly ensure implementation of the guidelines with immediate effect.

(A K Kanar)
Sc-C (CMD-III)

Head (CMD-III)

Circulated to: All ROs/BOs

CENTRAL MARKS DEPARTMENT III

Our Ref: CMD-III/16 : 12406

22 Sep 2021

Subject: Guidelines for implementation of revised IS 12406:2021 - ‘Medium Density Fibre Boards for General Purpose’

1. IS 12406:2003 has been revised as IS 12406:2021 and has been published. The last date for implementation of the revised Standard is **16 February 2022** after which the old Standard shall stand withdrawn.
2. All BOs shall inform the Applicants and Licensees under their jurisdiction about implementation of the revised Standard **within a week of issuance of these guidelines**.
3. The significant changes in the revised Standard as listed in the Table is given for the purpose of general guidance. BOs shall ensure that the product conforms to all the requirements, as applicable, as per the revised Standard.

Clause	Requirement
8 & 9	The physical and mechanical requirements with respect to erstwhile grades SBG I and SBG II have been modified, and the grades have been renamed as Grade 1 and Grade 2, respectively.
8 & 9	The physical and mechanical requirements of medium density fibre boards for both Grade 1 and Grade 2 have been revised.
Table 3 & 4 (x & xi)	The formaldehyde content for oven dry board has been made a routine test and the steady-state formaldehyde emission has been made as optional requirement.
Table-3 & 4	Test procedure for accelerated water resistance test in Internal Bond requirement have been modified
Table-3 & 4	Water Absorption (2hr and 24hr soaking), Linear expansion (surface absorption) after 2hr of soaking and linear expansion (24hr soaking) in length & width direction have been removed.
Clause 13.1	Location of marking on MDF board has been relaxed.
Table-3 & 4	For Internal Bond test, the requirement for minimum individual test result has been removed.
Table-3 & 4	Specified requirements for Screw Withdrawal Strength (face & Edge) have been reduced.
Table-3 & 4	Requirements of Internal Bond Strength, Modulus of Rupture, Modulus of Elasticity, Linear Expansion and Screw Withdrawal Strength have been specified based on thickness of boards.

4. Consequent upon the issuance of the revised Standard, existing SIT in the Product Manual has been revised and included in the revised Product Manual Doc: **PM/IS 12406/ 2/Sept 2021**.
5. The guidelines for implementation of the revised Standard is given below:

A. LICENSEES:

- (i) All Licensees shall implement the revised Standard by **16 February 2022**. Any difficulty in implementation shall be brought to the notice of CMD III at the earliest but

in any case, at least 30 days before the last date of implementation. BOs shall ensure that no Licences are under operation as per the old Standard after **16 February 2022**. **The status of implementation of the revised Standard shall be confirmed by Head (BO) to CMD-III within two weeks of the last date of concurrent running.**

- (ii) As the revision classifies the MDF Boards as Grade 1 or Grade 2, the scope of existing licensees may be reviewed and endorsements may be issued accordingly.
- (iii) Licensees shall submit evidence of conformity to the additional/modified requirements through In-house/Independent Test Reports or Test Certificates, as applicable. Verification of implementation of the revised Standard, wherever required, may be done during the next visit **which may normally be completed within six months of the last date of concurrent running.**
- (iv) If the Licensee fails to complete all actions by **16 February 2022**, 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. However, if the Applicant is desirous of considering the Application as per the revised Standard, 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 in new test requirements, 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 or the revised Standard. Processing of Applications as per the old Standard shall be permitted only upto **16 February 2022** and for such cases, Applicant shall give a declaration that they will implement the revised Standard by **16 February 2022**.
- (iii) Beyond **16 February 2022** no Licence shall be granted as per the old Standard.

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 upto the date of implementation of the revised Standard or upto **16 February 2022** whichever is earlier.

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

A K Kanar
Sc-C, CMD-III

Head (CMD III)
DDG (Certification)