

केन्द्रीय मुहर विभाग-2

संदर्भ :- के०मु०वि०-2/16: 411

12-08-2026

विषय: संशोधित IS 411: 2026 के अनुपालन के दिशानिर्देश ।

यह उपरोक्त विषय के संदर्भ में है।

सक्षम अधिकारी द्वारा अनुमोदित दिशानिर्देश अनुपालन हेतु संलग्न है ।

सभी क्षेत्रीय/शाखा कार्यालयों से अनुरोध है की दिशानिर्देशों का तत्काल प्रभाव से अनुपालन सुनिश्चित करें।

(राहुल वर्मा)
वैज्ञानिक- डी

प्रमुख (के०मु०वि०-2)

सभी क्षेत्रीय/शाखाकार्यालय/प्रयोगशालाएँ/रसायन विभाग/एलआरएमडी

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16: 411

12-08-2026

Subject: Guidelines for implementation of Revised IS 411: 2026.

This has reference to the subject mentioned above.

The Competent Authority has approved the enclosed Guidelines for implementation.

All ROs/BOs are requested to ensure the implementation of the above Guidelines with immediate effect.

(Rahul Verma)
Scientist-D

Head (CMD-2)

All ROs/BOs/Labs/CHD /LRMD

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16: 411

12-08-2026

Subject: Guidelines for implementation of Revised IS 411: 2026 (Titanium Dioxide for Pigmentary Applications — Specification).

1. IS 411 has been revised as IS 411:2026, Titanium Dioxide for Pigmentary Applications — Specification. The revised standard consolidates the requirements covered under the earlier IS 411: 2020 (along with Amendment no. 1) and IS 9788: 2023 into a single Indian Standard. The last date for implementation of the revised Standard is 12th September 2026 after which the old Standard shall stand withdrawn.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 introduced through this revision are summarized below for general guidance.

Parameter	Old Clause No.	New Clause No.	Effective Change
Title	IS 411:2020 Title; IS 9788:2023 Title	Title	Two separate standards covering Anatase and Rutile grades for paints have been merged into a single standard titled "Titanium Dioxide for Pigmentary Applications — Specification"
Scope	Clause 1 (IS 411); Clause 1 (IS 9788)	Clause 1	Scope expanded to include both Anatase and Rutile, as a pigment in the paint industry.
Product exclusion	-	Clause 1	Non-applicability for other intended use titanium dioxide covered in this IS has been introduced.
Types and Grades	Grade classification in IS 411 and IS 9788	Clause 4	Product classification revised by incorporating Types and Grades for both anatase and rutile pigment grades within one standard.
Description	Clause 4.1 (IS 411, as amended); corresponding clause in IS 9788	Description clause	Requirement relating to crystal form identification through X-ray Diffraction (XRD) retained and harmonised across grades.
Typical End-use Applications	Table 1 (IS 411); Table 1 (IS 9788)	Table 1 and Table 2	Typical end-use applications introduced for every grade (paint, plastic, paper, ink, fibre, rubber, etc.) for guidance
Optional Performance Properties	-	Table 3	Introduced to identify optional properties to be evaluated based on purchaser–supplier agreement.
Determination of Titanium Dioxide Content	Annex B (IS 411); corresponding annex in IS 9788	Annex C	Zinc Reduction Method removed.

4. Consequent upon the issuance of the revised Standard, the existing product manual has been revised which is being circulated separately.

5. BO shall change the scope of the licence, upon implementation and submission of evidence of conformity by the licensee as below, to Grade A₁.
6. The above guidelines come into force with immediate effect.

A. LICENSEES:

- i. The licensee shall implement the revised Standard by 12th September 2026. Any difficulty in implementation shall be brought to the notice of CMD 2 at the earliest. BOs shall ensure that no Licences are under operation as per the old Standard after 12th September 2026. The status of implementation of the revised Standard shall be confirmed by Head (BO) to CMD-2 within two weeks of the last date of concurrent running.
- ii. The licensee shall submit evidence of conformity for the additional as well as modified requirements from the existing scope of the licence to the Grade A₁ as specified in the Table 1, through In-house/Independent Test Reports as well as revised list of test equipment (as per Form 2), as applicable. Verification of implementation of the revised Standard, wherever required, shall be verified through a surveillance visit within 30 days of confirmation of implementation of the revised standard by licensee.
- iii. For considering all other grades in the scope of licence, application for change of scope through inclusion would be applicable.
- iv. If the Licensee fails to complete all actions by 12th September 2026 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 from such Applicants also be obtained that if the sample fails while considering the provisions of the revised Standard, 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 up to 11th September 2026 and for such cases Applicant shall give a declaration that they will implement the revised Standard by 12th September 2026.
- iii. Beyond 12th September 2026 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 up to the date of implementation of the revised Standard or up to 12th September 2026 whichever is earlier.
6. The above guidelines come into force with immediate effect.

(Rahul Verma)
Scientist-D

Head (CMD-2)
DDG (Certification)