

के.मु.वि-2/16: 15489

दिनांक 31/01/2025

विषय: संशोधित आई एस IS 15489: 2024 के अनुपालन के दिशानिर्देश

- 1) यह उपरोक्त विषय के संदर्भ में है।
- 2) सक्षम अधिकारी द्वारा अनुमोदित दिशानिर्देश अनुपालन हेतु संलग्न है।
- 3) सभी क्षेत्रीय/शाखा कार्यालयों से अनुरोध है की दिशानिर्देशों का तत्काल प्रभाव से अनुपालन सुनिश्चित करें।

(अमित चौधरी)
वैज्ञानिक डी

प्रमुख (केमूवी 2)

सभी क्षेत्रीय/शाखा कार्यालय/प्रयोगशालाएँ/CHD/LRMD

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16: 15489

31/01/2025

Subject: Guidelines for Implementation of revised IS 15489: 2024 (Paint, Plastic Emulsion- Specification

1. This has reference to the subject mentioned above.
2. The Competent Authority has approved the enclosed Guidelines for implementation.
3. All BOs are requested to inform the Applicants and Licensees under their jurisdiction about implementation of the revised Standard.

(Amit Choudhary)
Scientist-D

Head(CMD-2)

All ROs/BOs/ CHD/LRMD

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16: 15489

31/01/2025

Subject: Guidelines for implementation of IS 15489: 2024, Paint, Plastic Emulsion— Specification

1. IS 15489: 2013, Paint, Plastic Emulsion — Specification, has been revised to IS 15489 :2024.
2. IS 15489: 2013 (**Paint, Plastic Emulsion**), and IS 15489: 2024 are under concurrent running till 03 March 2025 and the last date for implementation of revised IS 15489: 2024 is 03 March 2025.
3. The product is under voluntary certification. There are currently 3 Licences in India for IS 15489: 2013, one each under FRBO, DLBO-II and CHBO and no application pending for GOL in India against the IS.
4. The major changes in IS 15489:2024 due to the revision in comparison to IS 15489: 2013 is given below for general guidance:

Major Changes in IS 15489: 2013 in comparison to revised IS 15489 : 2024

Clause	Change
Cl 3.1	Definition of Volatile Organic Compounds (VOC) has been changed from ' <i>volatile matter content minus the water content</i> ' to ' <i>any organic compound having an initial boiling point less than or equal to 250 °C measured at a standard atmospheric pressure of 101.3 kPa</i> '.
Cl 3.3	Range of Egg Shell/Satin Finish has been increased from ' <i>11 to 25</i> ' to ' <i>5 to 25</i> '
Cl 5	All the Classes a) Matt finish; b) Egg shell/satin finish; c) Semi-glossy finish; and d) Glossy finish have been named as Class A, Class B, Class C and Class D
Cl 6	In all the sub clauses use of ' <i>asbestos cement panel</i> ' has been replaced by ' <i>concrete panel</i> '.
Cl 6.8.1	First para ' <i>General break down of the film, prepared from the registered sample of the material shall not occur in less than 12 months, when prepared and tested as prescribed in Annex C</i> ' has been deleted. In Note 1 words ' <i>outdoor exposure test</i> ' has been deleted
Cl 6.9	Under the Clause test method has been limited to ICP-OES or AAS method of IS 101 (Part 8/Sec 5). The limit for lead has been made more stringent. Maximum limit been reduced from ' <i>300 ppm to 90 ppm</i> '.
Cl 6.12.2.1	Under the Additional Optional Requirements for ECO-Mark reference for test of volatile organic compounds has changed from ' <i>IS 101 (Part 2/Sec 1) and IS 101 (Part 2/Sec 2)</i> ' to ' <i>IS 101 (Part 2/Sec 3) and IS 101 (Part 2/Sec 4)</i> '.
Table, Sl no iv)	Class A range has been reduced from ' <i>0-10</i> ' to ' <i>0-5</i> ' and Class B range has been increased from ' <i>11-25</i> ' to ' <i>05 to 25</i> '
Table, Sl no xi)	Requirement for Volatile organic compound has been added along with the notes under the table
Cl 7.2	Marking of ' <i>maximum content of VOC</i> ' on the container has been included

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 15489/2 January 2025.

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

A. LICENSEES:

- a) Licensee shall implement the revised Indian Standard by 03 March 2025. 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 no Licence is under operation as per IS 15489: 2013 (old standard) after 03 March 2025. 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.
- b) In the revision Class A range has been reduced from '0-10' to '0-5' and Class B range has been increased from '11-25' to '05 to 25', requirement for Volatile organic compound has been added and marking of 'maximum content of VOC' on the container has been introduced. Licensee is required to submit evidence of conformity through In-house/Independent Test Reports.
- c) Due to the rearrangement in the respective range of Class A and Class B, endorsement may be issued if there is change of Class in the scope of Licence.
- d) Licensee shall submit declaration for additional Testing equipment in Form no 2 as applicable (for Volatile organic compound, and lead by instrumental method), if testing of the parameter is done in-house or submit details of arrangement for testing of the parameters from independent lab (Subcontracting of the tests), in accordance with the Scheme of Inspection and testing/QAP submitted by manufacturer.
- e) Verification of implementation of IS 15489: 2024, shall be done through a surveillance visit preferably within 30 days of confirmation of implementation of the standard by licensee.
- f) If the Licensee fails to complete all actions by 03rd March 2025, it shall be dealt with as per the prevailing guidelines.

B. APPLICATIONS FOR GRANT OF LICENCE:

- a) Existing Applications for GOL where Sample has been submitted in the Laboratory/Test Report has been issued by the Laboratory may be processed as per the old standard i.e. IS 15489 : 2013. A declaration may be obtained from the Applicant that the Licence, if granted shall be switched over to IS 15489:2024 before the last date of concurrent running of the ISs. BOs shall ensure that such licenses granted are switched over to the IS 15489: 2024 before the last date of withdrawal of IS 15489 : 2013, i.e., 03rd March 2025. If, however, the Applicant is desirous of considering the Application as per IS 15489: 2024, a declaration may be obtained from the Applicant to the effect and the Application may be processed accordingly. An undertaking from such Applicants shall also be obtained that if the sample fails considering IS 15489: 2024, Licence will not be granted by BIS as per IS 15489 : 2013.
- b) Applications which are recorded henceforth may be processed as per the IS 15489: 2013 / IS 15489: 2024. Processing of Applications as per the old Standard, shall be permitted only upto 02nd March 2025. For such cases Applicant shall give a declaration that they will switchover to IS 15489: 2024 by 03 March 2025

c) Beyond 03 March 2025, no Licence shall be granted as per IS 15489: 2013.

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 switchover to the IS 15489: 2024.
7. BOs are requested to circulate this guideline to licensees and applicants immediately within 7 days of issuance of this circular.
8. The above guidelines come into force with immediate effect.

(Amit Choudhary)
Scientist D

Head (CMD-2)
DDG(Certification)
Circulated to:
All RO/BOs
All other concerned - through BIS intranet