केन्द्रीय मुहर विभाग–2

संदर्भ -: केमूवी-2/16:16090 05 11 2026

विषय: संशोधित IS 16090: 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 अनोरोध है की दिशानिर्देशों का तत्काल प्रभाव से अनुपालन सुनिश्चित करें।

हरीश मीना
वैज्ञानिक-सी

प्रमुख (केमूवी 2)
सभी क्षेत्रीय/शाखाकार्यालय/प्रयोगशालाएँ/TXD/LRMD

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16:16090 05 11 2026

Subject: Guidelines for implementation of Revised IS 16090: 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.

(Harish Meena)
Scientist-C

Head (CMD-2)
All ROs/BOs/Labs/TXD/LRMD

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16: 16090 05 11 2026

Subject: Guidelines for implementation of Revised IS 16090: 2026 (Geosynthetics — Geotextiles for Cushioning or Protection Applications).

1. IS 16090 : 2013 has been revised as IS 16090 : 2026 and has been published. The last date for implementation of the revised Standard is **15th March 2027** after which the old Standard shall stand withdrawn.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 are 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	Change
--	i) New varieties with nominal mass per unit area of 350 g/m², 500 g/m², 700 g/m² and 1000 g/m² have been included. Subsequently, the types of geotextile have also been redefined (i.e. Type- 1 to 9). ii) The requirement for Elongation at maximum load has been introduced under tensile properties in Table 1 (Requirements for Geotextiles Used as Cushioning or Protection Applications). iii) The requirement of CBR puncture resistance has been modified for the existing varieties. iv) The requirements of Tensile Strength and Trapezoidal tear strength have been modified for Type-1 (300g/m^2) Geo-textile. v) The use of only Virgin Polymers for the manufacturing of geotextiles has been made mandatory. vi) Requirements for roll length and roll width, along with the corresponding test methods have been incorporated. vii) Marking, labelling, packing and sampling clauses have been modified.

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

5. BOs shall align the scope of licence of the existing licences with the scope defined in the latest Product Manual **(PM/16090/3 November 2026).**

6. Licences having Type 5 (1100g/m^2) in their existing scope shall be switched to Type 8 of the revised ISS, after receipt of compliance for the same.

7. The guidelines for implementation of the revised Standard is given below:

A. <u>LICENSEES</u>:

i. The licensee shall implement the revised Standard by **15th March 2027**. 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 **15th March 2027**. **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.**

8. The licensee shall submit evidence of conformity to the modified requirements through In-house/Independent Test Reports as well as revised list of test equipment (as per Form 2) /testing arrangement. 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.**

ii. If the Licensee fails to complete all actions by **15th March 2027** it shall be dealt with as per the prevailing guidelines.

B. <u>APPLICATIONS FOR GRANT OF LICENCE</u>:

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 from such Applicants shall 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 **14th March 2027** and for such cases Applicant shall give a declaration that they will implement the revised Standard by **15th March 2027**. In cases where an application for Grant of Licence (GoL) is received along with a test report corresponding to the old version of the standard, due to non-availability of the laboratories as per revised Standard or deposition of sample to the laboratories before the issuance of this circular, the application may be processed based on such test report, provided that sample conforms to all the requirements of the revised ISS for that particular variety.

iii. Beyond **15th March 2027** no Licence shall be granted as per the old Standard.

C. <u>CHANGE IN SCOPE OF LICENCE</u>:

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 up to **15th March 2027** whichever is earlier.

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

Harish Meena
Scientist-C

<u>Head (CMD-2)</u>
<u>DDG (Certification)</u>