



केन्द्रीय मुहर विभाग - III

हमारा संदर्भ- केन्द्रीय मुहर विभाग-3/16: भा.मा. 3181

२० मई २०२६

विषय: अनुपालन हेतु गाइडलाइन

सभी शाखा कार्यालयों से आग्रह है कि संलग्न गाइडलाइन का अनुपालन तत्काल प्रभाव से सुनिश्चित करें।

(गोथम बी जे)
वैज्ञानिक-डी/संयुक्त निदेशक

प्रमुख (के मु वि III)

सभी क्षेत्रीय/शाखा कार्यालय

CENTRAL MARKS DEPARTMENT-III

Our Ref: CMD-3/16: IS 3181

20 May 2026

**Subject: Guidelines for implementation of revised Indian Standard IS 3181: 2025-
“Conveyor Belts - Fire Resistant Conveyor Belting for Underground Mines and Such
other Hazardous Applications”**

This has reference to the subject mentioned above.

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

(Gowtham B J)
Scientist-D/Joint Director

Head (CMD - III)

Circulated to: All ROs/BOs

CENTRAL MARKS DEPARTMENT-III

Our Ref: CMD-3/16: IS 3181

20 May 2026

Subject: Guidelines for implementation of revised Indian Standard IS 3181: 2025-“Conveyor Belts - Fire Resistant Conveyor Belting for Underground Mines and Such other Hazardous Applications”

1. IS 3181: 1992 has been revised and published as IS 3181: 2025. **The last date for implementation of the revised Standard is 18 June 2026.**
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 brought through this revision 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.

Sl. No.	Cl. Ref.	Changes in Revised Standard	Actions required from existing licensees/BOs
1.	Cl. 1 Scope	Scope has been refined to specify use in hazardous applications where no secondary safety devices are present.	No Action required
2.	Cl. 3 Terminology	New clause added providing definitions for Slab Belting, Solid Woven Belting, Mono-Ply Belting, Duo-Ply Belting, Multi-Ply Belting and Fire Resistant Compound.	No Action required
3.	Cl. 5 & Table 1 Designation & Properties of Belting	Types 1 and 2 removed. New Types added (Types 10, 12, and 15). Minimum longitudinal elongation at break for Types 3, 4, and 5 reduced to 10%.	Revised scope shall be endorsed by BOs based on revised types. New types shall be included through CSoL.
4.	Cl. 7 & Table 3 Width	Nominal widths expanded from 11 options to 18 options, now ranging from 300 mm to 2000 mm.	No Action required
5.	Cl. 8.3 & Table 4 Belt & Carcass Thickness	Minimum belt and carcass thickness requirements updated; Types 6 and above are now grouped for minimum thickness.	Conformity shall be established by licensee either through in-house or third party testing (TPT) lab test report
6.	Cl. 9.5 & Table 5 Belt Cover Class	New classification for rubber covers introduced (Classes K, S, and V) with specific requirements for tensile strength, elongation, and abrasion loss.	
7.	Cl. 10.2 & Table 6 Longitudinal Joints	Maximum number of longitudinal joints updated to include belts up to 2000 mm wide.	No Action required
8.	Cl. 14.2 Edge Adhesion	Edge adhesion requirements excluded for solid woven PVC belting.	No Action required
9.	Cl. 16.3 & Annex J Mid-Scale Propane Burner Test	The Propane Burner Test is replaced by the Mid-Scale Propane Burner Test, utilizing a laboratory-scale fire tunnel with updated performance criteria.	Conformity shall be established by licensee either through in-house or TPT lab test report
10.	Cl. 17 & Annex K Troughability	New requirement for Troughability added as a type test, measuring the ratio (F/L) of belt deflection.	

11.	Cl. 18 Marking	Marking modified to include the Month of manufacture & specified cover thickness for both top and bottom.	Licensee shall submit compliance through in-house or TPT lab test report
12.	Cl. 19.3 - Testing	Type Test and Routine Test defined.	No Action required

4. Consequent upon revision of the Standard, existing Product Manual has also been revised as **PM/IS 3181/2/May 2026**. In this revision, changes have been made in Scheme of Inspection and Testing and Scope of licence.
5. The guidelines for implementation of the revised Standard is given below:

A. LICENSEES:

- (i) All Licensees shall implement the revised Standard by **18 June 2026**. Any difficulty in implementation shall be brought to the notice of CMD III within 15 days of issuance of these guidelines. BOs shall ensure that no Licences are under operation as per the old Standard after **18 June 2026**. 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) In order to establish conformity to revised Standard, licensee shall submit in-house or independent test report, as applicable, of the product to **new and modified requirements** [*Mid-Scale Propane Burner Test (Cl. 16.3), Troughability (Cl. 17), and Rubber Cover Classification (Cl. 9.5), Belt & Carcass Thickness (Cl. 8.3), Marking (Cl. 18)*], as applicable to the varieties covered, as evidence of conformity to the revised Standard.
- (iii) Verification of implementation of the revised Standard, shall be done during the next visit **which shall be completed within one month from the date of submission of compliance by licensee.**
- (iv) If the Licensee fails to complete all actions by **18 June 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 also be obtained from such Applicants that if the sample fails while considering the provisions of the revised Standard, Licence will not be granted as per the old version.
- (ii) Applications which are recorded henceforth may be processed as per old or revised Standard. Processing of Applications as per the old Standard shall be permitted only up to **18 June 2026** and for such cases Applicant shall give a declaration that they will implement the revised Standard by **18 June 2026**.
- (iii) Beyond **18 June 2026**, no Licence shall be granted without consideration of the revised 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 old Standard shall be permitted only upto the date of implementation of the revision by the licensee or up to **18 June 2026**, whichever is earlier.
6. The above guidelines come into force with immediate effect.

(Gowtham B J)
Scientist-D/Joint Director

Head (CMD III)
DDG (Certification)