

भारतीय मानक ब्यूरो
(केंद्रीय मुहर विभाग III)

हमारा संदर्भ : सी एम डी - III/16 : IS 14268

29 दिसंबर 2022

विषय : पुनरीक्षित आई एस 14268:2022 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।

(ए 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 : 14268

29 Dec 2022

Subject: Guidelines for implementation of revised IS 14268:2022 - 'Uncoated Stress Relieved Low Relaxation Seven-Wire (Ply) Strand for Prestressed Concrete'

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 : 14268

29 Dec 2022

Subject: Guidelines for implementation of revised IS 14268:2022 - ‘Uncoated Stress Relieved Low Relaxation Seven-Wire (Ply) Strand for Prestressed Concrete’

1. IS 14268:2017 has been revised as IS 14268:2022 and has been published. The last date for implementation of the revised Standard is **02 March 2023** after which the old Standard shall stand withdrawn.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
3.9 & 3.10	Compacted and indented strands have also been covered in addition to plain strands already covered in the standard
4.1	Requirement for wire rod (as per IS 7904) to be used for drawing wires has been specified
5 & 6.1	Nominal sizes have been aligned with international practices, taking care to include sizes close to those already being manufactured in the country. Accordingly, sizes 6.4, 6.9, 7.0, 8.0, 8.6, 9.0, 9.3, 9.6, 11.0, 11.3, 12.5, 12.9, 13.0, 15.7 and 18.0 mm have been added, and 9.5 and 11.1 mm have been deleted. New nomenclature for strands is added
6.2.2.1, 6.2.2.2 & 6.2.3	Strands of higher tensile strengths have been added, and therefore the existing classification of strength grades as Class 1 (1 770 MPa) and Class 2 (1 860 MPa) has been deleted, however, these tensile strengths have been retained. Cross sectional area, nominal mass, breaking load, proof load have been modified.
6.3	Requirement for straightness of strand has been added
6.4	Requirement for behaviour of strand at the time of their cutting has been added
10.1.c	Markings have been modified considering the new nomenclature for strand designation
4.1.4	Dimensions of Oval type Indentations have been specified

4. Consequent upon the issuance of the revised Standard, existing SIT in the Product Manuals has been revised and included in the revised Product Manual as Doc: **PM/IS 14268/2/Dec 2022**.
5. The guidelines for implementation of the revised Standard is given below:

A. LICENSEES:

- (i) All Licensees shall implement the revised Standard by **02 March 2023**. 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 **02 March 2023**. 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 compacted and indented strands have also been covered in addition to plain strands, existing classification of strength grades as Class 1 and Class 2 has been removed and certain nominal sizes of strands have been deleted; the scope of existing licensees may be reviewed and endorsements may be issued accordingly.
- (iii) Licensees shall submit the declaration of the varieties as per the new version of the Standard and submit the evidence of conformity to the additional/modified requirements through In-house/Independent Test Reports. Licensee shall also to submit the declaration of additional manufacturing and testing capabilities as per the new version of the Standard. Licensees shall also submit the conformity of the modified requirements of raw materials through Test Certificates or independent test reports, as applicable. Verification of implementation of the revised Standard shall be done through a surveillance visit, which shall be completed within one month from the date of confirmation of implementation by the manufacturer. During such visit, additional test facilities and manufacturing capabilities, if applicable, shall be verified and reported.
- (iv) If the Licensee fails to complete all actions by **02 March 2023**, 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 **02 March 2023** and for such cases, Applicant shall give a declaration that they will implement the revised Standard by **02 March 2023**.
- (iii) Beyond **02 March 2023** 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 **02 March 2023** whichever is earlier.

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

Ashish K Kanar
Sc-C/Dy Dir, CMD-III

Head (CMD III)
DDG (Certification)