

भारतीय मानक ब्यूरो
(केंद्रीय मुहर विभाग III)

हमारा संदर्भ : सी एम डी - III/16 : आई एस 5820

22 अक्टूबर 2024

विषय : पुनरीक्षित आई एस 5820:2024 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।

(ऐ के कअंर)
वैज्ञानिक- डी (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 : IS 5820

22 Oct 2024

Subject: Guidelines for implementation of revised IS 5820:2024 - 'Precast Concrete Cable Covers'

This has reference to the subject mentioned above.

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

(A K Kanar)
Sc-D (CMD-III)

Head (CMD-III)

Circulated to: All ROs/BOs

CENTRAL MARKS DEPARTMENT III

Our Ref: CMD-III/16 : IS 5820

22 Oct 2024

Subject: Guidelines for implementation of revised IS 5820:2024 - ‘Precast Concrete Cable Covers’

1. IS 5820:1970 has been revised as IS 5820:2024 and has been published. The last date for implementation of the revised Standard is **22 Apr 2025** after which the old Standard shall stand withdrawn.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.

Sr No	Major changes in revised Indian Standard	Action required from existing licensee for implementation
1.	Classification of product have been modified (Cl 3)	Declaration is to be submitted by firm wrt modified classification system. Scope of licence is required to be modified accordingly by BOs.
2.	New class and sizes of products have been included (Cl 3)	No action reqd from existing licensee. In case firm intends to include the new class and size; then provision of CSoL shall be followed.
3.	Interlocking end treatment of units has been introduced (Cl 3)	Firm shall declare the provision of interlocking end treatment. In-house
4.	Requirement to declare overall dimension of product by the manufacturer has been introduced (Cl 7.2)	The overall dimension shall be declared by the manufacturer. In-house FTR indicating conformity to this requirement is reqd to be submitted.
5.	Cement as per IS 12330, IS 6909, IS 8041 & IS 8043 are now permitted to be used in the manufacture of product (Cl 4.1)	Firm shall declare the types of cement being used in the raw material section. Test certificate of cement as per relevant Standard is also reqd.
6.	Requirement of conformity of fine aggregate as per IS 383 has been included (Cl 4.2)	Firm is required to ensure conformity to this requirement through outside TR/ test certificate of supplier.
7.	Requirement of conformity of water as per IS 456 has been included (Cl 4.4)	Firm is required to ensure conformity to this requirement through outside TR/ test certificate of supplier.
8.	Requirement of conformity of chemical admixtures as per IS 9103 has been included (Cl 4.6)	Firm is required to ensure conformity to this requirement through outside TR/ test certificate of supplier.
9.	Minimum grade of concrete has been increase from M20 to M35 (Cl 5)	Firm is required to ensure conformity to this requirement through in-house FTR/ outside TR.

10.	Design requirement of cable covers has been included (Cl 6)	Declaration of design of cable cover is reqd
11.	Transverse Strength requirement has been removed (Cl 7)	No action reqd from existing licensee
12.	Impact strength test has been made applicable to unreinforced covers also. In the testing of Impact strength test, weight of guide rod has been increased to 6.5 kg from 4.5kg for reinforced cable cover (Annex-B)	Firm is required to ensure conformity to this requirement through in-house FTR/ outside TR.
13.	Provision to provide manufacturer's certificate by the firm has been made (Cl 10)	Declaration of firm to provide test certificate is reqd.
14.	Marking clause has been made comprehensive. Designation and batch number has been included in the marking requirement (Cl 11)	Confirmation on implementation of revised marking from manufacturer is to be submitted.

4. Consequent upon the issuance of the revised Standard, existing Product Manual has been revised as Doc: **PM/IS 5820/2/Oct 2024**.

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

A. LICENSEES:

(i) All Licensees shall implement the revised Standard by **22 Apr 2025**. Any difficulty in the implementation shall be brought to the notice of CMD III within 30 days of issuance of these guidelines. BOs shall ensure that no licences are in operation as per the old Standard after **22 Apr 2025**. 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) Licensees shall submit the declarations for new classification system (Cl 3), interlocking provision (Cl 3), overall dimension (Cl 7.2), variety of cement being used (Cl 4.1), design of cable cover (Cl 6) and consent to provide manufacturer's certificate (Cl 10). Licensees shall also provide the evidence of conformity of raw materials, i.e. fine aggregate (IS 383), water (IS 456), chemical admixtures (IS 9103) and cement (relevant ISS) through independent test report/ test certificate of supplier.

(iii) Licensees shall also provide the evidence of conformity of product to the requirements of compressive strength of concrete (Cl 5) and impact strength (Cl 7.3) through In-house/Independent Test Reports. Licensee shall also to submit the declaration of additional testing capabilities as per the new version of the Standard. Verification of implementation of the revised Standard shall be done through a surveillance visit, which shall be completed within six months from the date of implementation. During such visit, additional test facilities shall be verified and reported.

(iv) On receipt of confirmation on the implementation of revised IS 5820:2024 from the manufacturer, endorsement shall be issued with revised scope of licence as per the revised Product Manual.

(v) If the Licensee fails to complete all actions by **22 Apr 2025**, 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 **22 Apr 2025** and for such cases, Applicant shall give a declaration that they will implement the revised Standard by **22 Apr 2025**.

(iii) Beyond **22 Apr 2025** 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 **22 Apr 2025** whichever is earlier.

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

Ashish K Kanar
Sc-D/Jt Dir, CMD-III

Head (CMD III)
DDG (Certification)