

भारतीय मानक ब्यूरो
(केंद्रीय मुहर विभाग III)

हमारा संदर्भ : सी एम डी - III/16 : 15658

24 सितम्बर 2018

विषय : आई एस 15658 : 2006 के अनुपालन लिए एसआईटी ।

इसे उपरोक्त विषय का संदर्भ प्राप्त है।

सक्षम प्राधिकारी ने उपरोक्त के अनुपालन हेतु एसआईटी Doc: SIT/15658 /1, June 2018 को अनुमोदित कर दिया है।

सभी क्षेत्रीय और शाखा कार्यालयों से अनुरोध है की उपरोक्त एसआईटी का अनुपालन तत्काल प्रभाव से सुनिश्चित करें।

(एस डी राणे)
वैज्ञानिक ई (सी एम डी-III)

प्रमुख (सी एम डी- III)

सभी क्षेत्रीय /शाखा कार्यालय

प्रतिलिपि : आई टी एस विभाग - बी आई एस इंटरनेट पर डालने हेतु।

BUREAU OF INDIAN STANDARDS
(Central Marks Department-III)

Our Ref: CMD-III/16 : 15658

24 September 2018

Subject: SIT for certification of IS 15658 : 2006 'Precast concrete blocks for paving'.

This has reference to the subject mentioned above.

The Competent Authority has approved SIT Doc: SIT/15658/1, June 2018 for certification of IS 15658 : 2006.

All ROs/BOs are requested to ensure the implementation of the above SIT with immediate effect.

(S. D. Rane)
Sc-E (CMD-III)

Head (CMD-III)

Circulated to: All ROs/BOs

Copy to: ITS – for hosting on Intranet please

**SCHEME OF INSPECTION AND TESTING
FOR CERTIFICATION OF PRECAST CONCRETE BLOCKS FOR PAVING
ACCORDING TO IS 15658 : 2006**

1.LABORATORY - A laboratory shall be maintained which shall be suitably equipped (as per the requirement given in column 2 of Table 1) and staffed, where different tests given in the specification shall be carried out in accordance with the methods given in the specification.

1.1The manufacturer shall prepare a calibration plan for the test equipments.

2. TEST RECORDS –The manufacturer shall maintain test records for the tests carried out to establish conformity.

3. LABELLING AND MARKING– As per the requirements of IS 15658 : 2006.

4. CONTROL UNIT – **All precast concrete blocks for paving of same size/shape and grade manufactured under identical condition from raw material of same source in a week shall constitute one control unit.**

5. LEVELS OF CONTROL - The tests as indicated in column 1 of Table 1 and the levels of control submitted by the manufacturer in column 3 of Table 1, shall be carried out on the whole production of the factory which is covered by this plan and appropriate records maintained in accordance with paragraph 2 above.

5.1 All the production which conforms to the Indian Standard and covered by the licence should be marked with Standard Mark.

6. REJECTIONS–Disposal of non-conforming product shall be done in such a way so as to ensure that there is no violation of provisions of BIS Act, 2016.

TABLE 1

(1)				(2)	(3)		
Test Details				Test equipment requirement R: required (or) S: Sub-contracting permitted	Recommended Levels of Control		
Clause	Requirement	Test Methods Clause Reference			No. of Sample*	Frequency	Remarks
4.1.1	Cement	4.1.1	IS 15658	S	-	-	Shall be ISI marked.
4.1.2	Mineral Admixture	4.1.2	IS 15658	S	One	Once in three month for each type and source of admixture supply	No further testing is required, if accompanied with test certificate or ISI marked.
4.2	Aggregates	4.2	IS 15658	S R- for sieve analysis only	One	Once in a year for each source and size	Additional sample shall be tested whenever there is change of source of supply of material. Maximum aggregate size used in manufacturing shall be ensured in house for each consignment received or once in a week, whichever is earlier. No further testing is required, if accompanied with test certificate or ISI marked
4.3	Admixtures	4.3	IS 15658	S	One	Each consignment	No further testing is required, if accompanied with test certificate or ISI marked
4.4	Pigments	4.4	IS 15658	S	One	Each consignment	
4.5	Water	4.5	IS 15658	S	One	Once in a year for each source	Additional testing is required whenever there is change of source.

(1)				(2)	(3)		
Test Details				Test equipment requirement R: required (or) S: Sub-contracting permitted	Recommended Levels of Control		
Clause	Requirement	Test Methods Clause Reference			No. of Sample *	Frequency	Remarks
6.2.1	Visual Inspection	6.2.1	IS 15658	R	Each	-	-
6.2.2	Dimensions and Tolerances	6.2.2.1/ 6.2.2.2 and Annex B	IS 15658	R	Ten	Each control unit	-
6.2.3	Thickness of wearing Layer	6.2.3	IS 15658	R	Ten	Each control unit	-
6.2.4	Water Absorption	6.2.4 and Annex C	IS 15658	R	One	Once in a month	-
6.2.5	Compressive Strength	6.2.5.1/6.2.5.2 and Annex D	IS 15658	R	One	Once in a month	-
6.2.6	Abrasion Resistance	6.2.6 and Annex E	IS 15658	R	One	Once in a month	-
6.3.1	Tensile Splitting Strength	6.3.1 and Annex F	IS 15658	R	One	Once in a month	-
6.3.2	Flexural strength/ Breaking load.	6.3.2 and Annex G	IS 15658	R	One	Once in a month	-
6.3.3	Freeze- thaw durability	6.3.3 and Annex H	IS 15658	S	One	Once in a month	-
6.3.4	Colour and Texture	6.3.4	IS 15658	R	Each	-	-

* If any sample fails, twice the number of samples from the same control unit shall be tested for that requirement and if any failure is observed in retested sample, the control unit shall be rejected.

Note- 1: Sub-contracting is permitted to a laboratory recognized by the Bureau or Government laboratories empanelled by the Bureau.

Note-2 The control unit and levels of control as decided by the Bureau are obligatory to which the licensee shall comply with.