केन्द्रीय मुहर विभाग-2

हमारा संदर्भ : के.मु.वि.-2/16: 14900 22 04 2019

विषय: संशोधित IS 14900: 2018 (Transparent Float Glass) के अनुसार Scheme of Inspection and Testing (SIT)

1. सक्षम प्राधिकारी द्वारा अनुमोदित, संशोधित IS 14900: 2018 (Transparent Float Glass) के अनुसार Scheme of Inspection and Testing (SIT) अवलोकन हेतु संलग्न है।

2. शाखा कार्यालयों से अनुरोध है इस SIT को 7 दिनों के भीतर आवेदकों व अनुज्ञप्तिधारकों को प्रेषित करें। इस SIT का अनुपालन 30 दिनों के भीतर किया जाना चाहिए।

(आदित्य दास)
वैज्ञानिक सी (सी एम डी-2)

प्रमुख (के.मु.वि.-2)
सभी क्षेत्रीय/शाखा कार्यालयो/ सी एच डी/एलपिपिडी को इंट्रानेट के माध्यम से परिचालित

प्रतिलिपि:

आई टी एस विभाग - बीआईएस इंट्रानेट पर अपलोड करने के लिए

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16: 14900 22 04 2019

Subject: Scheme of Inspection and Testing (SIT) for Revised IS 14900: 2018 (Transparent Float Glass)

1. Please find enclosed Scheme of Inspection and Testing (SIT) for Revised IS 14900: 2018 (Transparent Float Glass) duly approved by the CA.

2. BOs are advised to send this SIT to all Licensees and Applicants within 7 days. The SIT shall be implemented within 30 days.

(Aditya Das)
Sc. 'C' (CMD-2)

Head (CMD-2)

Circulated to all ROs/BOs/CHD/LPPD

Copy to: ITS for hosting on BIS Intranet

SCHEME OF INSPECTION AND TESTING FOR CERTIFICATION OF TRANSPARENT FLOAT GLASS ACCORDING TO IS 14900: 2018

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.

1.1 The 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 **PACKAGING AND MARKING** -The Standard Mark as given in Schedule of the license and Licence Number (i.e. CM/L……) shall be marked on each piece of float glass, provided always the glass thus marked conforms to all the requirement of the specification.

3.1 Glass shall, be packed in a suitable shock-absorbing manner which shall be as agreed between manufacturer and the purchaser.

3.2 Each package of float glass shall be marked with the following information:

a) Name of the material “Float Glass”;
b) Indication of source of manufacture;
c) Nominal thickness, in mm;
d) Nominal length and width, in mm; and
e) Number of panes per package.

3.3 Each piece of float glass shall be marked with the following details:

a) The words “Float Glass”,
b) Indication of source of manufacture, and
c) Thickness of glass.

4. **CONTROL UNIT –**For the purpose of this scheme, total quantity of the material produced in a day from the same batch of raw material under similar conditions shall constitute a control unit.

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

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

6. **REJECTION -** 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. A separate record providing the detailed information regarding the rejected control unit and mode of their disposal shall be maintained. Such material shall in no case be stored together with that conforming to the specification. The Standard Mark (if already applied) on rejected material should be defaced.

IS 14900 : 2018
TRANSPARENT FLOAT GLASS

TABLE 1 LEVEL OF CONTROL
(Para 5 of the Scheme of Inspection and Testing)

(1)				(2)	(3)		
Test Details				**Test equipment requirement R:required (or) S: Sub-contracting permitted**	**Levels of Control**		
Clause	**Requirements**	**Test Method**			**No. of Samples**	**Frequency**	**Remarks**
		Clause	**Reference**				
4.1	Characteristic	Annex A	IS 14900 : 2018	R	One	Each control unit	
4.2	Visual Light Transmission	Annex B, Table 1	-do-	R	Three	Every 7th control unit subject to condition in Note 2 below	
4.3	**Dimensions and tolerances**						
4.3.1	Thickness	4.3.1, Table 2	-do-	R	One	Every two hours	
4.3.2	Length & Width	4.3.2.1 & 4.3.2.2	-do-	R	-do-	-do-	
4.3.3	Squareness	Table 3	-do-	R	-do-	-do-	
4.4	Optical faults	Annex C, Table 8	-do-	R	-do-	-do-	
4.5	**Visual Faults**						

4.5.1	Spot Faults	Annex D, Table 4, 5 & 6	-do-	R	-do-	-do-	
4.5.2	Reams, Strings and Lines	Annex E	-do-	R	-do-	-do-	
4.5.3	Linear/Extended Faults	-do-	-do-	R	-do-	-do-	
4.6	Defects on cut side	4.6	-do-	R	-do-	-do-	
4.7	**Optional Requirement**						
4.7	Bloom	Annex F	-do-	R	One	Once in a week	To be carry out if required by purchaser

Note-1: Levels of control given in column 3 are only recommendatory in nature. The manufacturer may define the control unit/batch/lot and submit his own levels of control in column 3 with proper justification for approval by BO Head.

Note-2: In the beginning of the production run, each control unit shall be tested for Visual Light Transmission till 5 consecutive control units pass the test. Thereafter every 7^{th} control unit will be taken up for testing. In case of any failure all control units subsequently manufactured shall be tested till 3 consecutive control units pass the test. After this the frequency of 7^{th} control unit may be restored.