

केन्द्रीय मुहर विभाग-2

हमारा संदर्भ : के.मु.वि.-2/16: 14900

12 09 2018

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

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

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

प्रमुख (के.मु.वि.-2)

सभी क्षेत्रीय/शाखा कार्यालयों/ सी एच डी/एलपिपिडी को इंटरनेट के माध्यम से परिचालित

प्रतिलिपि:

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

CENTRAL MARKS DEPARTMENT-2

Our Ref: **CMD-2/16: 14900**

12 09 2018

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).

(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. **LABELLING AND MARKING** -The Standard Markas given in Schedule of the license and Licence Number (i.e. CM/L.....), labeling/ marking and packing shall be done as per the provision of the Indian Standard, provided always the product thus marked conforms to all the requirement of the specification.
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 7 th 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 7th 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 7th control unit may be restored.