



**PRODUCT MANUAL
FOR
BRAILLE SLATE
ACCORDING TO IS 11279: 1985**

This Product Manual shall be used as reference material by all Regional/Branch Offices & licensees to ensure coherence of practice and transparency in operation of certification under Scheme-I of Bureau of Indian Standards (Conformity Assessment) Regulations, 2018 for various products. The document may also be used by prospective applicants desirous of obtaining BIS certification licence/certificate.

1.	Product	:	IS 11279 : 1985
	Title	:	Braille Slate
	No. of Amendments	:	1
2.	Sampling Guidelines:		
a)	Raw material	:	As per clause 3 of IS 11279
b)	Grouping guidelines	:	Not Applicable
c)	Sample Size	:	One Slate
3.	List of Test Equipment	:	Please refer ANNEX – A
4.	Scheme of Inspection and Testing	:	Please refer ANNEX – B
5.	Possible tests in a day	:	All tests
6.	Scope of the Licence :		
	Licence is granted to use Standard Mark as per IS 11279 : 1985 with the following scope:		
	Name of the product		Braille Slate

ANNEX A**List of Test Equipment**

Major test equipment required to test as per the Indian Standard

Sl. No.	Tests used in with Clause Reference	Test Equipment
1	Construction (Clause 4)	i. Ball Point Micro Meter ii. Dial Vernier Caliper iii. Inside Micro Meter iv. Outside Micro Meter v. Steel Scale
2	Pull Test (Clause 6)	Clamp and weight of 5N(500 g approx)

The above list is indicative only and may not be treated as exhaustive.

ANNEX B

Scheme of Inspection And Testing

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 – As per clause 7 of IS 11279: 1985.

4. CONTROL UNIT – All the Slates manufactured from the same raw material in a day shall constitute a control unit.

5. LEVELS OF CONTROL - The tests as indicated in column 1 of 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 plan 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. 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	Levels of Control		
Cl.	Requirement	Test Method			No. of Sample	Frequency	Remarks
		Clause	Reference				
3	Materials	3.1, 3.2, 3.3	IS 11279	S	One	Each Consignment	No further testing is required if the consignment received is with test certificate or ISI marked.
2	Shape and Dimensions	2, 2.1	IS 11279	R	Five	Each Control Unit	---
4	Construction	4.1, 4.2, 4.3	IS 11279	R	Each Slate		Any slate not meeting the requirement shall not be marked and shall be rejected.
5	Workmanship and Finish	5	IS 11279	R	Each Slate		
6	Pull Test for Clamp	6.1	IS 11279	R	One Sample	Each Control Unit	In case of failure, two more samples to be tested and the control unit may be accepted if both the samples are passing.

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.