



उत्पाद मैनुअल

आई एस 2551 : 1982 के अनुसार

Danger notice plates (First Revision) के लिए

दस्तावेज़ संख्या – पीएम/आईएस 2551/1/ नवंबर 2023

भारतीय मानक ब्यूरो की स्कीम-I (अनुरूपता मूल्यांकन) विनियम, 2018 के तहत यह उत्पाद मैनुअल प्रमाणीकरण के प्रचालन में रीति और पारिश्रिता की सुसंगतता सुनिश्चित करने के लिए सभी क्षेत्रीय/शाखा कार्यालयों और लाइसेंसी द्वारा संदर्भ सामग्री के रूप में उपयोग किया जाएगा। बीआईएस प्रमाणीकरण लाइसेंस/ प्रमाणपत्र प्राप्त करने के इच्छुक भावी आवेदकों द्वारा भी इस दस्तावेज़ का उपयोग किया जा सकता है।

PRODUCT MANUAL FOR

Danger notice plates (First Revision)

ACCORDING TO IS 2551 : 1982

Document No - PM/IS 2551/1/November 2023

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.

भारतीय मानक ब्यूरो

BUREAU OF INDIAN STANDARDS

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New Delhi – 110002



PRODUCT MANUAL FOR
Danger notice plates (First Revision)
according to IS 2551:1982

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1.	Product	:	IS 2551 : 1982
	Title	:	Danger notice plates (First Revision)
	No. of Amendments	:	Nil
2.	Sampling Guidelines:		
a)	Raw material	:	Mild steel Sheet
b)	Grouping guidelines	:	Please refer ANNEX – A
c)	Sample Size	:	04 pcs.
3.	List of Test Equipment	:	Please refer ANNEX – B
4.	Scheme of Inspection and Testing	:	Please refer ANNEX – C
5.	Possible tests in a day :		
	Visual Examination (Cl. 6.1), Dimension Test (Cl. 6.2), Marking (Cl. 6.4)		
6.	Scope of the Licence :		
	“Licence is granted to use Standard Mark as per IS 2551:1982 with the following scope:		
	Name of the product	DANGER NOTICE PLATES	
	Nominal Sizes	a) For display at medium voltage installations 200 X 150mm b) For display at high and extra high voltage installations 250 X 200 mm	

ANNEX A**Grouping Guidelines**

The recommended sizes of DANGER NOTICE PLATES for this Standard are:

Sl.No.	Details
1	DANGER NOTICE PLATES for display at medium voltage installations 200 X 150mm
2	DANGER NOTICE PLATES for display at high and extra high voltage installations 250 X 200 mm

1. In order to cover both the varieties in the scope of licence, any one variety may be tested.
2. The Scope of License may be restricted based on the Manufacturing and testing capabilities of the Manufacturer.
3. During the operation of the Licence, BO shall ensure that all the varieties covered in the Licence are tested in rotation, to the extent possible.

ANNEX B**List Of Test Equipment***Major test equipment essentially required to test as per the Indian Standard*

S. No.	Test Equipment	Tests used in with Clause Reference
1.	Copper sulphate solution (CuSO ₄ .5H ₂ O)	IS 261 : 1982
2.	Distilled water	IS 1070 : 1992
3.	White tubular fluorescent lamp 110 V, 18 W cool	IS 2418 (Part 2) :2018
4.	Vitreous enamelware and ceramic — Metal System	IS 2717 : 1979
5.	25 mm diameter Watch-glass	
6.	Glass Beaker	
7.	Plywood or other suitable material Box (internal dimensions approximately 650 mmX 150 mm X 300 mm)	cl.6 of IS 8709
8.	Vernier Caliper	Dimensional check,cl.6.1
9.	Outside Micrometer	Dimensional check,cl.6.1
10.	Test chamber	As per cl.8.3 of IS 8709
11.	Weighing scale	As per cl.7.1 of IS 8709

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

ANNEX C

Scheme of Inspection and Testing

1. LABORATORY - A laboratory shall be maintained which shall be suitably equipped (as per the requirement given in above table) 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 equipment.

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

3. LABELLING AND MARKING – The Standard Mark as given in the Schedule of the licence shall be incorporated legibly and indelibly on each plate.

3.1 Marking and Labelling shall be as per the requirement of IS 2551 : 1982.

3.2 In addition, the licence no. CM/L-_____ and details of BIS website shall be marked at an appropriate place on the product/package as follows: “For details of BIS certification please visit www.bis.gov.in”.

4. CONTROL UNIT – All plates of the same size manufactured from same lot of raw material in a day shall constitute one 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 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	Levels of Control		
Cl.	Requirement	Test Methods			No. of Sample	Frequency	Remarks
		Clause	Reference				
3	Material	3	IS 2551	S		Each consignment of Raw Material received	No further testing is required if accompanied with Test Certificate or ISI marked.
3	Finish	3	IS 2551	R	Firm should exercise adequate control so that whole production should meet the requirements. Records shall be maintained.		
6.4	Marking	6.4	IS 2551	R			
6.2	Dimensional Check	6.2	IS 2551	R			
6.1	Visual Examination	6.1	IS 2551	R			
6.3	Weather-Proofness	8	IS 8709	R	One	Once in three months or whenever there is change in raw material, whichever is earlier	

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