



PRODUCT MANUAL FOR STAINLESS STEEL SINKS FOR DOMESTIC PURPOSES ACCORDING TO IS 13983: 1994

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 13983 : 1994
	Title	:	STAINLESS STEEL SINKS FOR DOMESTIC PURPOSES
	No. of Amendments	:	3
2.	Sampling Guidelines:		
a)	Raw material	:	As per clause 5 of IS 13983 : 1994
b)	Grouping guidelines	:	Steel Sink of each Construction (SIT-ON SINK/ INSET SINK) and Type (A1 or A2/ B1 or B2/ C/ D/ E1, E2, or E3/ F) shall be tested to cover that Construction and Type in the Scope of the Licence.
c)	Sample Size	:	1 Sink for all tests
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 :		
	(i) Dimensions and tolerances (Clause 6)		
	(ii) Construction and workmanship (Clause 7)		
	(iii) Finish (Clause 8)		
6.	Scope of the Licence :		
	Licence is granted to use Standard Mark as per IS 13983 : 1994 with the following scope:		
	Name of the product	STAINLESS STEEL SINKS FOR DOMESTIC PURPOSES	
	Type		
	Variety	SIT-ON SINK/ INSET SINK	

ANNEX A**List of Test Equipment**

Major test equipment required to test as per the Indian Standard

S. No.	Tests used in with Clause Reference	Test Equipment
1	Dimensions and tolerances (Clause 6) Construction and workmanship (Clause 7)	<ul style="list-style-type: none">- Steel scale- Vernier calliper- Micrometre- Thickness gauge- Lux meter

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 equipment.

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 13983: 1994

4. CONTROL UNIT – All Sinks of same Construction and Size manufactured from one lot of material in one 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 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				
5	Material	5	IS 13983	S	1	Each consignment	#
6	Dimensions and Tolerances	6.1 to 6.5	IS 13983	R	2	Every hour for each variety, type and size	At the start of process of manufacturing, first five pieces shall be tested and if all of them are passing, frequency of two samples every hour shall be maintained. If not, all the pieces shall be checked till five consecutive pieces are found passing. Thereafter the frequency of two samples per hour may be restored.
7	Construction and workmanship	7.1 to 7.6	IS 13983	R	2		
8	Finish	8	IS 13983	R	Each Sink	-	-

No further testing is required if accompanied with the Test Certificate or ISI marked.

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

Note-2: 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.