



PRODUCT MANUAL FOR CONCRETE SLUMP TEST APPARATUS ACCORDING TO IS 7320 : 1974

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 7320:1974
	Title	:	CONCRETE SLUMP TEST APPARATUS
	No. of Amendments	:	1
2.	Sampling Guidelines:		
a)	Raw material	:	Clause 3.2 of IS 7320 : 1974
b)	Grouping guidelines	:	Sample of each type of construction of slump test apparatus (i.e. Seamless/with Seam) shall be tested for all requirements to cover that variety in the licence.
c)	Sample Size	:	1 No
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) Shape and Dimensions (Clause 3.1) ii) Construction (Clause 3.3) iii) Tamping bar (Clause 4.1)		
6.	Scope of the Licence :		
	“LICENCE IS GRANTED TO USE STANDARD MARK AS PER IS 7320:1974 WITH THE FOLLOWING SCOPE:		
	Name of the product	CONCRETE SLUMP TEST APPARATUS	
	Construction	SEAMLESS/ WITH SEAM	

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	Shape and Dimensions (Clause 3.1), Material (Clause 3.2), Construction (Clause 3.3)	- Vernier Caliper - Steel Scale - Height Gauge - Micrometer
2	Tamping Bar (Clause 4.1)	- Micrometer - Measuring tape/ Steel Scale

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 7320 : 1974.

4. 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.

4.1 All the production which conforms to the Indian Standard and covered by the licence should be marked with Standard Mark.

5. 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				
3.1	Shape and Dimensions	3.1, 3.1.1	IS 7320	R	Each apparatus	-	-
3.2	Material	3.2	IS 7320	R	One	Each consignment	-
3.3	Construction	3.3, 3.3.1, 3.3.2	IS 7320	R	Each apparatus	-	-
4	Tamping bar	4.1	IS 7320	R	Each bar	-	-

Note-1: The control unit and levels of control as decided by the Bureau are obligatory, to which the licensee shall comply with.