

PRODUCT MANUAL FOR BAYONET LAMPHOLDERS ACCORDING TO IS 1258:2005

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 1258:2005
	Title	:	Bayonet Lampholders
	No. of Amendments	:	4
2.	Sampling Guidelines:		
a)	Raw material	:	—
b)	Grouping guidelines	:	Each variety of bayonet lamp holder is to be tested for GOL and Inclusion.
c)	Sample Size	:	As per Cl. 5.3 of IS 1258:2005
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 (ii) Protection against electric shock (iii) Creepage distance and clearance (iv) Terminals (v) Construction		
6.	Scope of the Licence :		
	“Licence is granted to use Standard Mark as per IS 1258:2005 with the following scope:		
	Name of the product : Bayonet Lamp Holders		
	Classification : As applicable according to Cl. 7 and Cl. 11 of IS 1258:2005		

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

Sl. No	Test Equipment	Tests Used in with Clause reference
1	Vernier Caliper	Cl. 9, Cl. 11, Cl. 13, Cl. 17, Cl. 18
2	Standard Test Finger	Cl. 10.1
3	High Voltage Tester	Cl. 15
4	Humidity Chamber	Cl. 15.2
5	IR Tester	Cl. 15.3
6	Torque Screw Driver	Cl. 17.1, Cl. 19.3
7	Torque Tester	Cl. 16.3, Cl. 16.8
8	Temperature rise test apparatus	Cl. 19.3
9	Resistance to heat apparatus	Cl. 19.5
10	Heating Oven	Cl. 19.2, Cl. 19.4, Cl. 20.1
11	Ball pressure test apparatus	Cl. 20.1
12	Glow wire test apparatus	Cl. 20.3
13	Travelling microscope	Cl. 20.1
14	Analytical balance and desicator	Cl. 21.1
15	Thermometer	Cl. 5.2
16	Gauges	Cl. 9.1
17	Loading device	Cl. 16.1
18	Pendulum Hammer	Cl. 16.5
19	Bending Apparatus	Cl. 16.4
20	Gauges for metric ISO thread for nipples	Cl. 9.2

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 1258:2005.

4. CONTROL UNIT – For the purpose of this Scheme, lamp holders of each type and design manufactured 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 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				
8.	Marking	Cl. 8	IS 1258:2005	R	Three	Each Control Unit	—
9.	Dimensions	Cl. 9	IS 1258:2005	R			
10.	Protection against electric shock	Cl. 10 & Cl. 16.3	IS 1258:2005	R			
11	Terminals	Cl. 11	IS 1258:2005	R			
18	Creepage distance & clearance	Cl. 18	IS 1258:2005	R	Three	Once in three months	In case any sample fails, five samples from improved lot shall be tested. The original frequency shall be restored if all the samples pass.
12	Provision for earthing	Cl. 12	IS 1258:2005	R			
15	Moisture resistance, Insulation resistance & Electric Strength	Cl. 15	IS 1258:2005	R	Three	Once in a month	
13	Construction	Cl.13	IS 1258:2005	R	Three	Once in three months	
17	Screws, current carrying parts & connection	Cl. 17	IS 1258:2005	R			
19	General resistance to heat	Cl. 19	IS 1258:2005	R			
20	Resistance to heat, fire and tracking	Cl. 20	IS 1258:2005	R	Two		
16	Mechanical Strength	Cl. 16	IS 1258:2005	R	Three		
14	Switched lamp holder	Cl. 14	IS 1258:2005	R	Three		
21	Resistance to excessive residual stresses (season cracking) & to rusting	Cl. 21	IS 1258:2005	R	Two		

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.