



**PRODUCT MANUAL FOR
BED, INTENSIVE CARE
ACCORDING TO IS 9395:1979**

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 9395:1979
	Title	:	Bed, Intensive Care
	No. of amendments	:	Nil
2.	Sampling Guidelines		
a)	Raw material	:	As per clause 2 of IS 9395:1979
b)	Grouping Guidelines	:	Not applicable as only one type of Bed is covered in the ISS.
c)	Sample Size	:	One Bed.
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	:	As the licence is operated on Factory Testing basis, complete testing of a sample shall be done in factory.
6.	Scope of the Licence :		
	Licence is granted to use Standard Mark as per IS 9395:1979 with the following scope:		
	Name of the product		Bed, Intensive Care.

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 & Dimension and Construction, Cl. 3, 4 & Fig 1	Steel Tape / Steel Scale Vernier Caliper Protector
2.	Performance Requirements, Cl. 5	Arrangement for application and measurement of lateral forces of 7 Kgf, 12 Kgf, & 50 Kgf Dead Load of 50 Kg Steel Scale / Steel Tape Arrangement for dropping 5 Kg load from 150 cm above the Bed Top
3.	Impact Test, Cl. 8.1	Sand Bag of 50 Kg along with arrangement for dropping the same from a height of 300 mm above the Bed Top
4.	Test for Bed Ends, Cl. 8.2	Arrangement for application and measurement of lateral force of 70 Kgf, 4 nos. of Sand Bags of 50 Kg each

The above list is indicative only and may not be taken 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 the requirements of IS 9395:1979.

3.1 Instruction Manual as per clause 10.1 of IS 9395:1979 shall be supplied with the bed.

4. CONTROL UNIT – Each complete assembly of bed 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.

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				
2	Materials	2.1 to 2.7	IS 9395	S	No further testing is required if accompanied with Test Certificate or ISI marked.		
3	Shape and dimensions	3.1, 3.2	IS 9395	R	Each Unit		
4	Construction						
4.1	Base	4.1	IS 9395	R	Each Unit		
4.2	Bed top	4.2	IS 9395	R	Each Unit		
4.3	Frame	4.3	IS 9395	R	Each Unit		
4.4	Head ends & foot ends	4.4	IS 9395	R	Each Unit		
5	Performance Requirements	5.1 to 5.10	IS 9395	R	Each Unit		
6	Workmanship	6.1	IS 9395	R	Each Unit		
7	Finish	5	IS 4033	R	Each Unit		
8	Tests	8.1, 8.2 ,8.3	IS 9395	R	Each Unit		

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.