

केन्द्रीय मुहर विभाग- III

हमारा संदर्भ- सीएमडी -III/16: IS 3312

05 मार्च 2018

विषय- आई एस 3312 : 1984 के अनुसार परिपालन लिए एस टी आई Doc: STI/3312/3,
February 2018

इसे उपरोक्त विषय का संदर्भ है।

सक्षम प्राधिकारी ने IS 3312 : 1984 के अनुसार उत्पाद के प्रमाणन हेतु पुनरीक्षित एस.टी.आई
Doc: STI/3312/3, February 2018 को अनुमोदित कर दिया है ।

सभी संबंधित पक्षकारों से अनुरोध है कि इसका अनुपालन तत्काल प्रभाव से सुनिश्चित करें ।

(एस डी राणे)

वैज्ञानिक ई (सी एम डी-III)

प्रमुख (सी एम डी-III)

सभी क्षेत्रीय/शाखा कार्यालय

आई टी एस विभाग – बीआईएस इंटरनेट पर डालने हेतू

CENTRAL MARKS DEPARTMENT-III

Our Ref: CMD-III/16: IS 3312

5 March 2018

Subject: Revised STI Doc: STI/3312/3, February 2018 for implementation as per IS 3312 : 1984

This has reference to the subject mentioned above.

The Competent Authority has approved the revised STI, Doc: STI/3312/3, February 2018 for certification of the product as per IS 3312 : 1984.

All concerned are requested to ensure compliance of above STI with immediate effect.

**(S D Rane)
Sc-E (CMD- III)**

Head (CMD-III)

Circulated to all RO/BO

Copy to: ITS for hosting on BIS Intranet.

**SCHEME OF TESTING AND INSPECTION FOR CERTIFICATION OF
STEEL SHELVING CABINETS (ADJUSTABLE TYPE)
ACCORDING TO IS 3312 : 1984**

1. LABORATORY

1.1 A laboratory shall be maintained which shall be suitably equipped and staffed, where different tests given in the Specification shall be carried out in accordance with the methods given in the Indian Standard.

1.2 All test equipments shall be periodically checked, verified and calibrated and records of such checks/verification/calibration shall be maintained.

2. TEST RECORDS

2.1 All records of tests as per this Scheme of Testing and Inspection shall be kept in suitable forms.

2.2 Copies of any such records that may be required by BIS shall be made available at any time on request.

3. QUALITY CONTROL

3.1 It is recommended that, as far as possible, Statistical Quality Control (SQC) methods may be used for controlling the quality of the product during production as envisaged in this Scheme [see IS 397 (various parts)].

3.2 In addition, effort should be made to gradually introduce a Quality Management System in accordance with IS/ISO 9001.

4. STANDARD MARK

4.1 The Standard Mark, as given in Column (1) of the First Schedule of the licence shall be applied on each steel shelving cabinet, provided always that the cabinet to which the Standard Mark is applied conforms to every requirement of the specification.

5. MARKING

5.1 In addition to the Standard Mark, the information as per clause 12.1 of IS 3312 : 1984 shall be suitably marked on the Steel shelving cabinet. The following shall also be marked on the cabinet:

- a) Suitable Mark identifying the manufacturer, and
- b) Size of cabinet.

6. LEVELS OF CONTROL

6.1 The tests as indicated in Table 1, and at the levels of control specified therein, shall be carried out on the whole production of the factory covered by this scheme and appropriate records maintained in accordance with clause 2 above and charts may be maintained as per clause 3 above. All the production which conforms to the Indian Standard and covered by this licence shall be marked with Standard Mark.

6.2 Control Unit: For the purpose of this Scheme, **steel shelving cabinets manufactured from same consignment of raw material and of same size** shall constitute a control unit.

6.3 On the basis of the test results, decision regarding conformity or otherwise of the production shall be made as follows:

6.3.1 Samples shall be drawn from each control unit as per frequency specified in Table 1 and tested for requirements specified therein. If all samples tested found confirming to specification, steel shelving cabinets which conforms to the Indian Standard and covered by the licence shall be marked with Standard Mark.

6.4 In respect of all other clauses of the Specification and at all stages of manufacture, the factory shall maintain appropriate control and checks to ensure that the product conforms to various requirements of the Specification.

6.5 Wherever the Raw Materials/Components used is under the Mandatory Certification of BIS, they shall necessarily be ISI marked and no further testing is required. Wherever the Raw Materials/Components used is not under the Mandatory Certification of BIS and is accompanied with Test Certificate or ISI marked, in such cases also no further testing is required.

7. REJECTIONS

7.1 A separate record shall be maintained giving information relating to the rejection of the production not conforming to the requirements of the Specification and the method of disposal. Such material shall in no case be stored together with that conforming to the Specification. The Standard Mark (if already applied) on rejected material shall be defaced.

8. SAMPLES

8.1 The licensee shall supply, free of charge, the samples required in accordance with the Bureau of Indian Standards (Certification) Regulations, 1988, as amended from time to time, from the factory or godown. BIS may draw samples from the open market, if available.

9. REPLACEMENT

9.1 Whenever a complaint is received soon after the goods with Standard Mark have been purchased and used, and if there is adequate evidence that the goods have not been misused,

defective goods shall be replaced free of cost by the licensee in case the complaint is found to be genuine and the warranty period (where applicable) has not expired. The final authority to judge the conformity of the product to the Indian Standard shall be with BIS.

9.2 In the event of any damage caused by the goods bearing the Standard Mark, or any claim being filed by the consumers against BIS Standard Mark and not “conforming to” the relevant Indian Standard, entire liability arising out of such non-conforming product shall be of the licensee and BIS shall not in any way be responsible in such cases.

10 STOP MARKING

10.1 The marking of the product shall be stopped under intimation to BIS if, at any time, there is some difficulty in maintaining the conformity of their product to the Specification, or the testing equipment goes out of order or due to any other reason. The marking may be resumed as soon as the defects are removed under intimation to BIS.

10.2 The marking of the product shall be stopped immediately if directed to do so by BIS for any reason. The marking may then be resumed only after permission by BIS. The information regarding resumption of marking shall also be sent to BIS.

11 PRODUCTION DATA

The licensee shall send to BIS a statement of quantity produced, marked and exported by him and the value thereof at the end of each operative year of the licence as per the enclosed proforma which has to be authenticated by a Chartered Accountant.

TABLE 1 LEVELS OF CONTROL
(Clause 6 of the Scheme of Testing and Inspection)

| TEST DETAILS | | | | LEVELS OF CONTROL | | |
|--------------|--------------------------------------|-------------|-----------|-------------------|------------------|--|
| Clause | Requirements | TEST METHOD | | No. of samples | Frequency | Remarks |
| | | Clause | Reference | | | |
| 2 | Material | | | One | Each consignment | See clause 6.5 of STI. |
| | a) Aluminium Tube | 2.1 | IS 3312 | | | |
| | b) Electrodes | 2.2 | IS 3312 | | | |
| | c) Mild steel sheets | 2.3 | IS 3312 | | | |
| | d) Mild steel rounds and flats | 2.4 | IS 3312 | | | |
| | e) Screws | 2.5 | IS 1365 | | | |
| 3 | Dimensions and tolerances | 3.1 and 3.2 | IS 1365 | Each cabinet | - | If any sample fails in any requirement, cabinet may be repaired, if possible and retested again. The cabinet shall be accepted only if it meets the requirement of the Standard. |
| 4.1 | Components | 4.2 to 4.10 | IS 3312 | Each component | - | |
| 5 | Assembly | 5.1 & 5.2 | IS 3312 | Each cabinet | - | |
| 6 | Additional Accessories (If provided) | 6.1 | IS 3312 | Each cabinet | - | |
| 8 | Finish | 8.1 & 8.2 | IS 3312 | Each cabinet | - | |

| TEST DETAILS | | | | LEVELS OF CONTROL | | |
|--------------|--|-------------|-----------|-------------------|---|---|
| Clause | Requirements | TEST METHOD | | No. of samples | Frequency | Remarks |
| | | Clause | Reference | | | |
| 9 | Performance requirements of finish | | | | | |
| 9.1 | Scratch hardness test | 9.1 | IS 3312 | One | Once in a week | If any sample fails in any of the requirement, corrective actions shall be taken and next five control units shall be tested for that requirement and original frequency shall be restored only on conformity of these control units. |
| 9.2 | Pressure test | 9.2 | IS 3312 | | | |
| 9.3 | Flexibility and adhesion test | 9.3 | IS 3312 | | | |
| 9.4 | Stripping test | 9.4 | IS 3312 | | | |
| 9.5 | Test for protection against corrosion under conditions of condensation | 9.5 | IS 3312 | One | Once in six month for each control unit | |

PROFORMA FOR OBTAINING PRODUCTION DETAILS

| | |
|---|--------|
| Period covered | |
| Name of Licensee | |
| CM/L No. | |
| Name of Articles (s) | IS No. |
| Grade/Type/Size/Variety/Class/Rating | |
| Brand/Trade/Name(s) of Product covered under BIS Certification Mark | |
| Total production of the articles(s) licensed for certification marking | |
| Total production of the article(s) conforming to Indian Standard | |
| Production covered with BIS Certification Mark and its Value : | |
| a) Quantity | |
| b) Value (Rs.) | |
| Brand Name used on production covered under BIS Certification Mark | |
| Calculation of marking fee on unit-rate basis; Marking Fee per unit | |
| a) Unit | |
| b) Quantity covered with BIS Certification Mark | |
| c) Marking fee rounded off in whole rupees as obtained by applying unit rates given in (a) on quantity given in (b) | |
| NOTE: In case a clause is not applicable, suitable remarks may be given against it | |
| Quantity not covered with BIS Certification Mark, if any. | |
| Reasons for such non-coverage | |
| Brand Name under which non-ISI goods were sold | |
| Quantity exported with BIS Standard Mark and its value | |
| Brand Name under which BIS Certified goods are exported | |
| Authentication by Chartered Accountant | |