

केन्द्रीय मुहर विभाग- III

हमारा संदर्भ- सीएमडी -III/16: IS 2202 (Part 1)

01 जनवरी 2018

विषय- आई एस 2202 (Part 1) : 1999 के परिपालन लिए एस टी आई Doc: STI/2202 (Part 1)/12, December 2017

इसे उपरोक्त विषय का संदर्भ है।

सक्षम प्राधिकारी ने IS 2202 (Part 1) : 1999 के अनुसार उत्पाद के प्रमाणन हेतु पुनरीक्षित एस.टी.आई Doc: STI/2202(Part 1)/12, December 2017 को अनुमोदित कर दिया है ।

सभी संबंधित पक्षकारो से अनुरोध हे कि इसका अनुपालन तत्काल प्रभाव से सुनिश्चित करे ।

आप सभी को नववर्ष की हार्दिक शुभकामनाएं।

(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 2202 (Part 1)

01 January 2018

Subject: Revised STI Doc: STI/2202 (Part 1)/12, December 2017 for implementation of IS 2202 (Part 1):1999 'Wooden flush door shutters (Solid core type) - Plywood face panels'

This has reference to the subject mentioned above.

The Competent Authority has approved the revised STI, Doc: STI/2202 (Part 1)/12, December 2017 for certification of the product as per IS 2202 (Part 1):1999.

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

Wish you Happy New Year 2018 to all.

**(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
WOODEN FLUSH DOOR SHUTTERS (SOILD CORE TYPE) - PLYWOOD
FACE PANELS ACCORDING TO IS 2202 (PART 1) : 1999**

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 Wooden flush door shutter, provided always that the shutter 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 14.1 of IS 2202 (Part 1) shall be legibly and indelibly marked on the any of edge of the shutter.

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, Flush door shutters of the same type, size and construction manufactured in a week or part thereof, with the same adhesive compound made from constituents received in the same consignment, 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 of wooden flush door shutters shall be drawn as per frequency specified in Table 1 and tested for requirements specified therein. If all samples found confirming to specification, the production represented by these samples shall be marked with Standard Mark.

6.3.2 Wooden flush door shutters shall be constructed as per procedure specified in clause 7 of IS 2202 (Part 1).

6.3.3 Fittings – Fittings shall be as per clause 8 of IS 2202 (Part 1) : 1999.

6.3.4 Preservative Treatment – For species of timbers covered under clause 6.1.5, preservative treatment as per clause 6.1.5.1 of IS 2202 (Part 1) : 1999 shall be given. The timber so treated shall also meet requirements specified in clause 6.1.5.1 of IS 2202 (Part 1) : 1999 for all requirements.

6.3.5 The shutters found defective in requirements specified in clause 8 and clause 9 of the Standard may be rectified and re-dimensioned to smaller sizes to remove the defect(s). Such shutters when examined again shall satisfy all requirements specified in the Standard.

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			
5	Sizes	5.1 and 5.2	IS 2202 (Part 1)	Each shutter	-	-
6.2	Plywood	6.2.1 and 6.2.2	IS 303 IS 710 IS 1328	One	From each lots received	No testing is required if material is ISI marked and received with certificate of conformity
6.3	Cross band	6.3.1	IS 303 IS 710	One	From each lots received	No testing is required if material is ISI marked or received with certificate of conformity to relevant Standard.
6.4	Face veneers	6.4.1 to 6.4.2	IS 303 IS 710 IS 1328	One	From each lots received	
6.6	Adhesive	6.6.1 and 6.6.2	IS 2202 (Part 1) IS 848	One	From each lot received or from each kettle	No testing is required if material is ISI marked or received with certificate of conformity to relevant Standard.
6.7	Particle board	6.7.1	IS 2202 (Part 1) IS 3087	one	From each lot received	No testing is required if material is ISI marked or received with certificate of conformity to relevant Standard.
6.8	Medium density fibre (MDF) board	6.8	IS 2202 (Part 1) IS 12406	one	From each lot received	No testing is required if material is ISI marked or received with certificate of conformity to relevant Standard.
9.1	Workmanship and finish	9.1 to 9.3	IS 2202 (Part 1)	Each shutter	-	-

TEST DETAILS				LEVELS OF CONTROL		
Clause	Requirements	TEST METHOD		No. of samples	Frequency	Remarks
		Clause	Reference			
11.1	Dimensions and Squareness test	11.1	IS 4020 (Part 2)	Four	Daily from shutters of each type, size and construction	Sample shall be drawn at regular intervals. In case of failure of sample, all shutters produced in the day shall be tested and only those shutters shall be marked which are found conforming to the requirement of Standard.
11.2	General flatness test	11.2	IS 4020 (Part 3)			
11.3	Local planeness test	11.3	IS 4020 (Part 4)			
11.9	Slamming test	11.9	IS 4020 (Part 10)	One	Each control unit	
11.12	End immersion test	11.12	IS 4020 (Part 13)	Two		
11.13	Knife test	11.13	IS 4020 (Part 14)			
11.14	Glue adhesion test	11.14	IS 4020 (Part 15)			
11.4	Impact indentation test	11.4	IS 4020 (Part 5)	One	Every 1000 shutters or part thereof manufactured in six months for same type, size and construction	These tests shall also be conducted for every change in construction. In case of failure marking shall be stopped, failure shall be investigated and marking shall be resumed only after passing of two samples in the requirement in which sample has failed.
11.15	Screw withdrawal resistance test	11.15	IS 4020 (Part 16)	One		
11.5	Flexure test	11.5	IS 4020 (Part 6)	One	Once in a year or earlier for each type, Size & design of shutter	
11.6	Edge loading test	11.6	IS 4020 (Part 7)	One		
11.7	Shock resistance test	11.7	IS 4020 (Part 8)	One		
11.8	Buckling test	11.8	IS 4020 (Part 9)	One		
11.10	Misuse test	11.10	IS 4020 (Part 11)	One		
11.11	Varying humidity test	11.11	IS 4020 (Part 12)	One		

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	