

**केन्द्रीय मुहर विभाग-2**

हमारा संदर्भ : के.मु.वि.-2/16: 8391

11 06 2018

**विषय: आई एस 8391:2018 की संशोधित एस टी आई**

1. आई एस 8391:2018 की संशोधित एस टी आई अवलोकन हेतु संलग्न है।

(आदित्य दास)  
वैज्ञानिक सी (सी एम डी-2)

**प्रमुख (के.मु.वि.-2)**

सभी क्षेत्रीय/शाखा कार्यालयों/टी एक्स डी को परिचालित  
आई टी एस विभाग - बीआईएस इंटरनेट पर अपलोड करने के लिए

**CENTRAL MARKS DEPARTMENT-2**

Our Ref: **CMD-2/16: 8391**

**11 06 2018**

**Subject: Revised STI for IS 8391:2018**

1. Please find enclosed revised STI for IS 8391:2018 for kind consideration.

(Aditya Das)  
Sc. 'C' (CMD-2)

**Head (CMD-2)**

**Circulated to all ROs/BOs/TXD**

**Copy to: ITS for hosting on BIS Intranet**

**SCHEME OF TESTING AND INSPECTION**  
**FOR CERTIFICATION OF**  
**RUBBERIZED COIR SHEETS FOR CUSHIONING, PART 1: CURLED**  
**AS PER IS 8391 (PART1):2018**

1. **Laboratory** – A laboratory and an inspection department shall be maintained which shall be suitably equipped and staffed, where different tests shall be carried out in accordance with the methods given in the specification.
  - 1.1 All the testing equipment shall be periodically checked and records of such checks shall be maintained.
2. **Test records** – All records of tests and inspection shall be kept in suitable forms approved by Bureau.
  - 2.1 Copies of any records or charts that may be required by the Bureau shall be made available at any time on request.
  - 2.2 **Quality Control** – It is recommended that, as far as possible, statistical quality control (SQC) methods may be used for controlling the quality during production as envisaged in this scheme (See IS 397 various parts)
3. **Packing** – The rubberized coir sheets for cushioning shall be packed as agreed to between the purchaser and user.
4. **Marking** – The Standard Mark as given in Column (1) of the First Schedule of the license shall be incorporated on the mattress/ rubberized coir sheet (as supplied), and the labeling/marketing and packing shall be done as per the provisions of the Indian Standard, provided always that the rubberized coir sheet thus marked conforms to all the requirement of the specification. In addition, BIS Licence No. (CM/L No.) and the text “For details on BIS Certification please visit [www.bis.gov.in](http://www.bis.gov.in)” shall be marked on the label.
5. **Control Unit** – For the purpose of this scheme, all the rubberized coir sheets of the same grade manufactured in a day from one formulation of compounded rubber latex shall be considered as a control unit.
6. **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.
  - 6.1 All the production which conforms to the Indian Standards and covered by the licence should be marked with Standard Mark.
7. **STORAGE** – Instructions for storage as given in the Indian Standard shall be complied.
8. **Samples** – The licensee shall supply, free of charge, the samples required in accordance with Regulations of the Bureau of Indian Standards as subsequently amended from his factory or godown. The Bureau shall pay for the samples taken by it from the open market.

9. **Replacement** – Whenever a complaint is received soon after the goods with Certification Mark of the Bureau have been purchased and used, and if there is adequate evidence are replaced or repaired free of cost by the licensee in case the complaint is proved to be genuine and the warranty period (where applicable) has not expired. The final authority to judge conformity of the product to the Indian Standard shall be with the Bureau.
  
10. **Suspension of Marking** – The marking of the product shall be suspended under intimation to the Bureau if, at any time there is some difficulty in maintaining the conformity of the product to the specification, or the test equipment goes out of order, or if directed to do so by the Bureau for any reason. The marking may be resumed as soon as the defects are removed or when the Bureau gives the permission to do so. The information regarding resumption of marking shall also be sent to the Bureau.
  
11. **Production data** – The licensee shall send to the Bureau, as per the enclosed proforma, a statement of quantity produced, marked and exported by him and the trade value, thereof during the half year ending 30 June and 31 December. This statement is required to be forwarded to the Bureau on or before the 31<sup>st</sup> day of July and January for the preceding half-year.
  
12. **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.

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**TABLE 1: LEVELS OF CONTROL**

(1)				(3)			(4)
Test details				Levels of Control			Remarks
Clause	Requirements	Test Method		No. of Samples	Lot size	Frequency	
		Clause	Reference				
5.1 & 5.2	Manufacture, workmanship and finish	5.1 , 5.2	IS 8391 (part 1):2018		Each		In case of failure of 10 continuous sheets produced shall be tested and original frequency restored only when all the 10 sheets pass the test
6.1 & 6.2	Shape and dimensions	6.1 , 6.2	Annex B of IS 8391: (Part 1):2018	Two	One hour's production	Every hour	
7.2	Indentation hardness	7.2	Annex D of IS 8391: (Part 1):2018	One	One control unit	Each control unit	
7.1	Density	7.1	Annex C of IS 8391: (Part 1):2018	One	One control unit	Each control unit	
7.3	Resistance to ageing	7.3	Annex E of IS 8391: (Part 1):2018	One	-do-	Every 5 <sup>th</sup> control unit	In case of failure, one sample from each control unit shall be continuously tested and the original frequency shall be restored when continuous five control units found to pass
7.4	Resistance to flexing	7.4	Annex F of IS 8391: (Part 1):2018	One	-do-	-do-	
7.5 & 7.6	Compression set	7.5, 7.6	Annex G of IS 8391: (Part 1):2018	One	-do-	Every 5 <sup>th</sup> control unit	
7.7	pH value	7.7	Annex H of IS 8391: (Part 1):2018	One	-do-	Every control unit	
7.8	Chloride content	7.8	Annex J of IS 8391: (Part 1):2018	One	-do-	Every 5 <sup>th</sup> Control unit	
7.9	Sulphate content	7.9	Annex K of IS 8391: (Part 1):2018	One	-do-	Every 5 <sup>th</sup> Control unit	

**ANNEX I**  
**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)	
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	

**Note:** In case a clause is not applicable, suitable remarks may be given against it.

\*Information to be filled up by BO before forwarding to the licensee.