

**केन्द्रीय मुहर विभाग-2**

हमारा संदर्भ : के.मु.वि.-2/16: 16892

13 08 2019

**विषय: IS 16892:2018 (सत्तू) का संशोधित Scheme of Inspection and Testing (SIT)**

1. IS 16892:2018 (सत्तू) का संशोधित Scheme of Inspection and Testing (SIT) सक्षम प्राधिकारी द्वारा अनुमोदित किया गया है व अवलोकन हेतु संलग्न है।
2. सभी शाखा कार्यालयों से अनुरोध है की SIT, को अनुज्ञप्तिधारकों को दिन के भीतर भेजें। SIT का 30 दिनों के भीतर अनुपालन किया जाना चाहिए।

(आदित्य दास)

वैज्ञानिक सी

**प्रमुख के.मु.वि.-2**

**सभी क्षेत्रीयशाखा कार्यालयों/ सी/एफ ए डी/ एल पी पी डी को इंटरनेट माध्यम से परिचालित**

प्रतिलिपि:

**आई टी एस विभाग –इंटरनेट पर अपलोड करने हेतु**

**CENTRAL MARKS DEPARTMENT-2**

Our Ref: CMD-2/16: 16892

13 08 2019

**Subject: Revised Scheme of Inspection and Testing (SIT) for IS 16892:2018 (Sattu)**

1. Please find enclosed revised Scheme of Inspection and Testing (SIT) for IS 16892:2018 (Sattu) duly approved by the Competent Authority.
2. BOs are advised to send this SIT to all Licensees within 7 days. The SIT shall be implemented within 30 days.

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

**Head (CMD-2)**

**Circulated to all ROs/BOs/FAD/LPPD**

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

**SCHEME OF INSPECTION AND TESTING  
FOR CERTIFICATION OF SATTU  
ACCORDING TO IS 16892:2018  
(Incorporating Amendment No.1)**

**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. PACKING AND MARKING**– The Standard Mark as given in Schedule of the license and Licence Number (i.e. CM/L....) shall be marked legibly and indelibly on each pack, provided always that product thus marked conforms to all the requirement of the specification. Packing and marking shall be done as per the requirements of the standard. In addition, BIS Licence Number CM/L- ..., and details of BIS website shall be marked on each pack as follows: —For details of BIS certification please visit [www.bis.gov.in](http://www.bis.gov.in).

**4. CONTROL UNIT** – For the purpose of this scheme, the quantity of *sattu* manufactured continuously in a day from the same consignment of raw materials and from the same set of machineries shall constitute a control unit (C.U).

4.1 On the basis of the test results, decision regarding the conformity or otherwise of a control unit with the requirement of the specification shall be taken. In case of failure of sample, the control unit shall be rejected.

**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 Standards and covered by the licence should be marked with Standard Mark.

**6. HYGIENIC CONDITIONS** – The place of manufacture, packing and storage of the material and equipment employed shall be maintained under hygienic conditions (See IS 2491) all the processing equipment should be properly cleaned and care should be taken to prevent infestation and contamination. Schedule for each activity for this purpose shall be displayed prominently in the factory premises and records of compliance shall be maintained.

**7. 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. Any rejected material which is potentially resalable shall be destroyed in such a manner that it cannot be used for any other purpose. A separate record shall be maintained giving information relating to all such rejections/defective/substandard material of the production not conforming to the requirements of the Specification and the method of its 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 should be defaced.

IS: 16892:2018  
(SATTU)  
TABLE 1-LEVELS OF CONTROL  
(CL 5.0 OF SIT)

Test Details				Test equipment requirement R: required (or)S: Sub-contracting permitted	Levels of Control		Remarks
Clause	Requirement	Method of test			No. of Sample	Frequency	
		Clause	Reference				
4.1	Description & Conformity to Clause 4.1	4.1	IS 16892	R	One	Each control unit	
4.2	Ingredients	4.2	IS 16892	R	One	Each control unit	
4.3	Conformity to Clause 4.3	Appendix A	IS 2400	R	One	Each control unit	
4.4	Conformity to Cl. 4.4		IS 4333 (Pt-5)	R	One	Each control unit	
4.5	Conformity to Cl. 4.5		IS 16287	S	One	Each month	
4.6	Microscopic examination		IS 2400	R	One	Each control unit	
4.7 & Table 1 i)	Moisture	Appendix A	IS 1009	R	One	Each control unit	
ii)	Total Ash (On Dry Basis)	Appendix B	IS 1009	R	One	Each control unit	
iii)	Acid Insoluble Ash (on dry basis)	Appendix C	IS 1009	R	One	Each control unit	
iv)	Alcoholic Acidity as H <sub>2</sub> SO <sub>4</sub> (on dry basis)	Appendix C	IS 1009	R	One	Each control unit	
v)	Protein		IS 7219	R	One	Each control	

						unit	
vi)	Crude Fibre		IS 10266 (Pt-1)	R	One	Each control unit	
vii)	Total Bacterial Count		IS 5402	R	One	Each control unit	
4.9	Particle Size	4.9	IS 16892	R	One	Each control unit	

Note-1: Whether test equipment is required or sub-contracting is permitted in column 2 shall be decided by the Bureau and shall be mandatory. Sub-contracting is permitted to a laboratory recognized by the Bureau or Government laboratories empaneled by the Bureau.

Note-2: 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.