

केन्द्रीय मुहर विभाग-2

हमारा संदर्भ: के मू वी-2/16: 8249

21 06 2019

विषय: संशोधित IS 8249:2019 की एस आई टी (Scheme of Inspection and Testing)

1. यह उपरोक्त विषय व 21 06 2019 को जारी किए गए कार्यान्वयन दिशा निर्देशों के संदर्भ में है।
2. सक्षम अधिकारी द्वारा अनुमोदित संशोधित IS 8249:2019 की एस आई टी अनुपालन हेतु संलग्न है।

(आदित्य दास)
वैज्ञानिक सी

प्रमुख (के मू वी-2)

सभी क्षेत्रीय/शाखा कार्यालय

प्रतिलिपि :

आई टी एस विभाग – बी आई एस इंटरनेट पर डालने हेतु

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16:8249

21 06 2019

Subject: Scheme of Inspection and Testing (SIT) for Revised IS 8249:2019

1. This has reference to the above and further to the implementation guidelines issued on 21 06 2019.
2. Scheme of Inspection and Testing for Revised IS 8249:2019, duly approved by the CA, is enclosed for implementation.

(Aditya Das)
Scientist C

Head (CMD-2)

All ROs/BOs

Copy to:

ITSD - for hosting on BIS intranet

**SCHEME OF INSPECTION AND TESTING
FOR ZINC SULPHATE HEPTAHYDRATE, AGRICULTURAL GRADE
ACCORDING TO IS 8249:2019**

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 the Schedule of the licence, shall be marked on each container of zinc sulphate, provided always that the material in the container to which the Standard Mark is thus applied conforms to the requirements of the specification.

3.1 Packing and Marking shall be done as per the requirements of the Indian Standard. In addition, the following details shall be mentioned on each container:-

a) BIS Licence No. CM/L -----.

b) BIS website details i.e. —"For details of BIS certification please visit www.bis.gov.in".

4. CONTROL UNIT – For the purpose of this scheme, the entire quantity of material produced in a day shall be considered as one control unit.

4.1 In case the material produced is not to be sold directly and is to be stored for sale during season, the following constitute a control unit.

At the time of repacking, the material from the various batches to be mixed together, pulverized/sieved and repacked in new bags. Ten tones of such material/ one day mixing whichever is less shall constitute the new 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.

5.1 All the production which conforms to the Indian Standards and covered by the licence should be marked with Standard Mark.

5.2 In case the sample fails in any of the requirements as specified in IS 8249:2019, the entire material in the control unit shall be suitably reprocessed so as to rectify the defects. Such reprocessed material when tested shall satisfy all the requirements of the specification. In case any sample fails, the control unit shall be rejected. Thereafter one sample from each control unit shall be tested for all the requirements and the original frequency shall be restored after three consecutive control units show conformity to the requirements of the specification.

6. HANDLING AND STORAGE: Handling and storage of the material shall be in accordance with IS 5985.

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.

TABLE 1
LEVELS OF CONTROL

(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	IS				
3.1	Description	3.1	IS 8249:2019	R	One	Each control unit	
3.2 and Table 1: Requirements							
i)	Matter insoluble in water	Annex F	IS 8249:2019	R	One	Each control unit	
ii)	Zinc (as Zn)	Annex A	-do-	R	Two*	-do-	*See Note 1
iii)	Lead (as Pb)	Annex D	-do-	R	One	Every 7th control unit	
iv)	Copper (as Cu)	Annex C	-do-	R	One	-do-	
v)	Magnesium (as Mg)	Annex B	-do-	R	One	-do-	
vi)	pH (5 percent solution)	Annex E	-do-	R	One	Each control unit	
vii)	Sulphur (as S)	5.3	IS 6092 (Part 5)	R	One	-do-	
viii)	Cadmium (as Cd)	Annex G	IS 8249:2019	S	One	Every 7th control unit	
ix)	Arsenic (as As)	5.3	IS 6092 (Part 6)	S	One	-do-	

Note-1: The representative samples shall be prepared by drawing the material from five different places in the batch. (*) The value of zinc obtained in both the samples shall not be less than the minimum specified value of the standard..

Note-2: 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-3: 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 for approval to BO Head.