Doc: SIT/15573/1
Aug 2019

केन्द्रीय मुहर विभाग-2

हमारा संदर्भ : के.मु.वि.-2/16: 15573 20 08 2019

विषय: IS 15573:2018 (Polyaluminium Chloride) का Scheme of Inspection and Testing (SIT)

1. यह उपरोक्त विषय व कें.मु.वि.-2 के परिपत्र दिनांक 18 07 2019 के संदर्भ मे है।

2. IS 15573:2018 का Scheme of Inspection and Testing (SIT) सक्षम प्राधिकारी द्वारा अनुमोदित किया गया है व अवलोकन हेतु संलग्न है।

3. सभी शाखा कार्यालयों से अनुरोध है की SIT को अनुज्ञप्तिधारकों को 7 दिन के भीतर भेजें . SIT का 30 दिनों के भीतर अनुपालन किया जाना चाहिए।

(आदित्य दास)
वैज्ञानिक सी (कें.मु.वि.-2)

प्रमुख, (कें.मु.वि.-2)

क्षेत्रीय/शाखा कार्यालयों को intranet माध्यम से परिचालित

प्रतिलिपि: ITS - इंट्रानेट पर अपलोड करने के लिए

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16: 15573 20 08 2019

Subject: Revised Scheme of Inspection and Testing (SIT) for IS 15573:2018 (Polyaluminium Chloride)

1. This has reference to the above and CMD-2's circular dated 18.07.2019.

2. Please find enclosed Scheme of Inspection and Testing (SIT) for IS 15573:2018 duly approved by the Competent Authority.

3. 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

Copy to: ITS for hosting on BIS Intranet

SCHEME OF INSPECTION AND TESTING FOR CERTIFICATION OF POLYALUMINIUM CHLORIDE ACCORDING TO IS 15573:2018

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 shall be incorporated, on the label attached with Polyaluminium Chloride and the labeling/ marking and packing shall be done as per the provision of the Indian Standard, provided always the Polyaluminium Chloride thus marked conforms to all the requirement of the specification.

3.1 In addition, BIS licence no (CM/L---) and details of BIS website shall be marked as follows: “For details of BIS certification please visit www bis.gov.in”

4. **CONTROL UNIT –** For the purpose of this scheme, the entire quantity of Polyaluminium Chloride manufactured from the same consignment of virgin raw materials in a reaction vessel at a time shall constitute a control unit.

5. **LEVELS OF CONTROL –** The Analysis and test 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 and charts maintained in accordance with Paragraph 2 above. All the production which conform to the Indian Standard and covered by this license shall be marked with the Standard Mark.

5.1 All production which conforms to the Indian Standard and covered in the licence should be marked with Standard mark.

6. **STORAGE –** Instructions for storage as given in the Indian Standard shall be complied.

7. **REJECTION -** 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. A separate record shall be maintain in giving information relating to the rejection of the production not conforming to the requirement of the specification and the method of its disposal. Such material shall in no case be stored together with that conforming to the specification.

SCHEME OF INSPECTION AND TESTING
FOR CERTIFICATION OF POLYALUMINIUM CHLORIDE
ACCORDING TO IS 15573:2018
Table 1 Level of Control

(1)				(2)	(3)		(4)
Test Details				**Test equipment requirement R:required (or) S: Sub-contracting permitted**	**Levels of Control**		**Remarks**
Clause	**Requirements**	**Test Method**			**No. of Samples**	**Frequency**	
		Clause	**Reference**				
5.1, 5.5.1 & 5.1.2	Description	5.1	IS 15573:2018	R	One	Each control unit	In case of failure, entire control unit shall be considered unfit for marking
5.2 & Table 1	Aluminium as Al_2O_3	Annex A	-do-	R	-do-	-do-	-do-
-do-	Relative Basicity	Annex B	-do-	R	-do-	-do-	-do-
-do-	Chloride as Cl	Annex C	-do-	R	-do-	-do-	-do-
-do-	Sulphate as SO_4	Annex D	-do-	R	-do-	-do-	-do-
-do-	Specific Gravity at 25^0 C	Annex E	-do-	R	-do-	-do-	-do-
-do-	Viscosity (Dynamic) at 20^0C	--	IS 9316 (Pt 2) IS 6213 (Pt 4)	R	-do-	-do-	-do-

-do-	Bulk Density		Annex F	IS 15573:2018	R	-do-	-do-	-do-
-do-	Toxic Substances							
-do-	1	Mercury (as Hg)	Annex G	-do-	R	-do-	-do-	-do-
-do-	2	Arsenic (as As)	Annex H	-do-	S	-do-	Once a month	-do-
-do-	3	Cadmium (as Cd)	Annex J	-do-	S	-do-	-do-	-do-
-do-	4	Lead (as Pb)	Annex K	-do-	R	-do-	Each control unit	-do-
-do-	5	Iron (as Fe)	Annex L	-do-	S	-do-	Once a month	-do-
-do-	6	Manganese (as Mn)	Annex M	-do-	S	-do-	-do-	-do-
-do-	7	Chromium as (Cr)	Annex N	-do-	S	-do-	-do-	-do-
-do-	8	Selenium (as Se)	Annex P	-do-	S	-do-	-do-	-do-
-do-	Total organic carbon (TOC)		Annex Q	-do-	S	-do-	-do-	-do-
-do-	Insolubles, percent by mass		Annex R	-do-	S	-do-	Each control unit	-do-
-do-	pH of 5% solution		Annex S	-do-	R	-do-	-do-	-do-

Note-1: Whether test equipment is required or sub-contracting is permittedin 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 to BO head for approval.