

केन्द्रीय मुहर विभाग - III

हमारा संदर्भ- केन्द्रीय मुहर विभाग-3/16: IS 14106

दिनांक :26 10 2018

विषय: अनुपालन हेतु एस आई टी

सभी शाखा कार्यालय से आग्रह है कि एस आई टी का अनुपालन तत्काल प्रभाव से सुनिश्चित करें।

(अमित कुमार)
वैज्ञानिक 'सी' (सी एम डी-III)

प्रमुख (सी एम डी-III)

सभी क्षेत्रीय/शाखा कार्यालय
आई टी एस विभाग – बीआईएस इंटरनेट पर अपलोड करने हेतू

CENTRAL MARKS DEPARTMENT-III

Our Ref: CMD-3/16: IS 14106

Date: 26 10 2018

Subject: SIT for IS 14106 :2018 – Direct Action Hand Pumps

This has reference to the subject mentioned above.

BOs may kindly ensure implementation of the SIT with immediate effect.

Amit Kumar
Sc. C (CMD III)

Head (CMD - III)

Circulated to: All ROs/BOs

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**SCHEME OF INSPECTION AND TESTING FOR CERTIFICATION OF
DIRECT ACTION HAND PUMPS
ACCORDING TO
IS 14106 : 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 equipment.

2. TEST RECORDS – The manufacturer shall maintain test records for the tests carried out to establish conformity.

3. LABELLING AND MARKING – As per the requirements of **IS 14106:2018**

4. CONTROL UNIT –All Hand Pumps assembled in a day shall constitute a 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 Standard and covered by the licence should be marked with Standard Mark.

6. 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

TABLE 1

(1)				(2)	(3)		
Test Details				Test equipment requirement	Levels of Control		
Cl.	Requirement	Test Methods		R: required (or) S: Sub-contracting permitted	No. of Sample	Frequency	Remarks
		Clause	Reference				
4	General Requirements (Raw Materials and Components)	4.1 to 4.19	IS 14106	S	One of each variety/type	Each Consignment	No further testing is required, if accompanied with test certificate or ISI marked
5	Anticorrosive Treatment	5	IS 14106	S	One	Each batch of component/ Assembly	No further testing is required, if accompanied with test certificate or ISI marked
6	TESTING						
6.1	Visual Tests	6.1	IS 14106	R	Each Pump		The pump/component found defective shall be rejected. However, after due rectification of the defect observed, the pump/ component shall be re-examined and accepted if found conforming.

6.2	Dimensional and Other Tests	6.2.2	IS 14106	R	2 out of the every 50 or part thereof	Each control unit	–
	Critical Dimensions	6.2.3	IS 14106	R	Two out of the above	Each control unit	–
6.3	Routine Tests						
	Leakage Tests	6.3.1	IS 14106	R	Two	Each control unit	In case of failure, each hand pump shall be tested. The original frequency shall be restored when five consecutive samples are found satisfactory.
	Discharge Test	6.3.2	IS 14106	R			
	PVC pipes	6.3.3	IS 14106	R	Two	Each control unit	
6.4	Test for Joints	6.4.1	IS 14106	R	One joint	Each Control Unit	–
	Load Test	6.4.2	IS 14106	R	Two	Each Control Unit	–

NOTE-1: Sub-contracting is permitted to a laboratory recognized by the Bureau or Government laboratories empanelled 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 for approval by BO Head.