



उत्पाद मैनुअल
शौचालय साफ करने का द्रव्य पदार्थ - विशिष्ट
7983 : 1994 के अनुसार

PRODUCT MANUAL FOR
TOILET CLEANER LIQUID - SPECIFICATION
ACCORDING TO IS 7983 : 1994

भारतीय मानक ब्यूरो (अनुरूपता मूल्यांकन) विनियम 2018 की स्कीम-I के तहत यह उत्पाद मैनुअल प्रमाणीकरण की संचालन रीति में सुसंगतता और पारदर्शिता सुनिश्चित करने के लिए सभी क्षेत्रीय/शाखा कार्यालयों एवं लाइसेन्स धारियों द्वारा संदर्भ सामग्री के रूप में उपयोग किया जाएगा। बीआईएस लाइसेन्स/प्रमाण पत्र प्राप्त करने के इच्छुक भावी आवेदकों द्वारा भी इस दस्तावेज़ का उपयोग किया जा सकता है।

This Product Manual shall be used as reference material by all Regional/Branch Offices & licensees to ensure coherence of practice and transparency in operation of certification under Scheme-I of Bureau of Indian Standards (Conformity Assessment) Regulations, 2018 for various products. The document may also be used by prospective applicants desirous of obtaining BIS certification licence/certificate.

1.	उत्पाद Product	:	IS 7983 : 1994
	शीर्षक Title	:	शौचालय साफ करने का द्रव्य पदार्थ - विशिष्ट Toilet Cleaner, Liquid - Specification
	संशोधनों की संख्या No. of Amendments	:	1 One
2.	नमूनाकरण दिशा निर्देश Sampling Guidelines:		
a)	कच्चा माल Raw material	:	No specific requirement
b)	समूहीकरण दिशा निर्देश Grouping guidelines	:	NA
c)	नमूने का परिमाण Sample Size	:	3 litres
3.	परीक्षण उपकरणों की सूची List of Test Equipment	:	कृपया Annex-A देखें Please see Annex – A

4.	निरीक्षण व परीक्षण स्कीम Scheme of Inspection and Testing	:	कृपया Annex-B देखें Please see Annex – B
5.	एक दिन में संभावित परीक्षण Possible tests in a day :		
	Description (Cl.4.1), Hydrochloric Acid Content (Cl.4.2), Sediment (Cl.4.3), Efficacy (Cl.4.4.1) Test of lime Scales (Cl. 4.4.2)		
6.	लाइसेन्स का कार्यक्षेत्र / Scope of the Licence:		
	IS 7983 : 1994 के अनुसार मानक मुहर का उपयोग करने के लिए लाइसेन्स निम्नलिखित कार्यक्षेत्र के लिए प्रदान किया जाता है Licence is granted to use Standard Mark as per 7983 : 1994 with the following scope:		
	उत्पाद का नाम Name of the product		शौचालय साफ करने का द्रव्य पदार्थ Toilet Cleaner, Liquid

ANNEX - A
TO PRODUCT MANUAL FOR
TOILET CLEANER, LIQUID
ACCORDING TO IS 7983 : 1994
LIST OF TEST EQUIPMENTS

Major test equipments required to test as per the Indian Standard :

Sr. No.	Tests used in with Clause Reference	Test equipment
1.	Description (Cl.4.1)	Glass Beaker , Glass rod
2.	Hydrochloric Acid Content (Cl.4.2)	Standard Sodium Hydroxide Solution 0.1N Methyl Orange indicator Glass-Stoppered Conical flask Electronic Weighing balance Burette
3.	Sediment (Cl.4.3)	Graduated Centrifuge Tube (Capable of reading up to 0.1 ml) Centrifuge machine Measuring cylinder
4.	Removal of Rust Stains (Cl.4.4.1)	Porcelain Plate (Unglazed Porcelain streak plate) Ferric Chloride Solution 5 % Hot air oven Cloth or Sponge
5.	Test For Lime scales (CL.4.4.2)	Smooth, White, marble cuboid (2.8 cm x 2.8 cm x 1.5 cm) Carborundum paper Soft camel hair brush Porcelain dish Desiccator Balance Glass balls Hot Air Oven
6.	Effect on Porcelain Enamel (Cl.4.5)	Porcelain enamelled plate (70 mm x70 mm steel plate) Diatomaceous earth, Watch glass Magnifying glass.
7.	Corrosion Inhibition (Cl.4.6)	Hot rolled steel (50 mm x 50 mm x 1 mm) Hydrochloric Acid Acetone Hot Air Oven Beaker (250 ml) Desiccator Glass rod

The above list is indicative only and may not be treated as exhaustive

ANNEX B
TO PRODUCT MANUAL FOR
TOILET CLEANER, LIQUID
ACCORDING TO IS 7983 : 1994
Scheme of Inspection and Testing

1. LABORATORY - A laboratory shall be maintained which shall be suitably equipped (as per 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 and implement 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. PACKING AND MARKING - The Standard Mark, as given in the Schedule of the license, shall be marked on the container of the product provided always that material so marked conform to requirements of the specification.

3.1 Packing and Marking shall be done as per the provisions of the Indian Standard. In addition, the following shall be incorporated on each container:

- i) BIS License Number CM/L and
- ii) 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 Toilet Cleaner, Liquid homogenized at a time in one tank shall be considered 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 Standards 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 (Levels of Control)
(Para 5 of Scheme of Inspection and Testing)

(1)				(2)	(3)		
Test Details				Test equipment requirement R: required (or) S: Sub-contracting permitted	Levels of Control		
Cl.	Requirement	Test Method Cl. Ref.	Test Method IS		No. of Samples	Frequency	Remarks
4.1	Description	4.1 & 4.1.1	IS 7983	R	One	One Control Unit	
4.2	Hydrochloric Acid Content	A - 1	- do -	R	One	One Control Unit	
4.3	Sediment	A - 2	- do -	R	One	One Control Unit	
4.4	Efficacy	A - 3 & A - 4	- do -	R	One	One Control Unit	
4.5	Effect on Porcelain Enamel	A - 5	- do -	R	One	One Control Unit	
4.6	Corrosion Inhibition	A - 6	- do -	R	One	One Control Unit	
4.7	Keeping quality test	Visual & A -1 to A -6	- do -	R	One	Once in 6 months	Keeping quality test shall also be carried out in case of change in composition of the formulation/ source of raw material

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 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.