

ANNEX E

Present Position of Work of MHD10 -Medical Laboratory Instruments

Scope: To formulate Indian Standards for medical laboratory instruments and medical laboratory equipments and glasswares in all in-vitro diagnostics medical laboratories including clinical-pathology, hematology, histopathology, cytopathology, flow-cytometry, biochemistry, microbiology and molecular biology

Liaison:

- 1) ISO TC 76 SC-WG 2 (P): Rigid container systems and related accessories for parenterals and injectables of relevant standards/subjects
- 2) Relevant standards/subjects of ISO TC 212-WG 3 'Clinical laboratory testing and in-vitro diagnostic test systems'

Published Standards

SI. No.	IS No.	TITLE
1.	IS 3055 (Part 1) : 1994	Clinical thermometers: Part 1 Solid stem type - Specification (Second Revision)
2.	IS 3055 (Part 2) : 2004	Clinical thermometers: Part 2 Enclosed scale type - Specification (Third Revision)
3.	IS 3740 : 1966	Specification for tubes glass for pathological work
4.	IS 3741 (Part 1) : 1990	Medical instruments sedimentation tubes – Specification: Part 1 Westergren tube (Second Revision)
5.	IS 3741 (Part 2) : 1990	Medical glass instruments - Sedimentation tubes – Specification: Part 2 Wintrobe tube (Second Revision)
6.	IS 3742 : 1990	Medical glass instruments - Pipettes dilution for haemocytometers specification (Second Revision)
7.	IS 4067 : 1967	Specification for tube swab (West Type) for throat
8.	IS 4069 : 1967	Specification for urinometer
9.	IS 4087 : 1980	Specification for pipette for haemoglobinometers and blood pipette for biochemical work (First Revision)
10.	IS 4364 : 1967	Specification for pipettes serological
11.	IS 4381 : 1967	Specification for pathological microscope
12.	IS 4444 : 1967	Specification for bottles bacteriological
13.	IS 4529 : 1968	Specification for glass tubes for medical thermometers
14.	IS 4708 : 1968	Specification for urine glass conical
15.	IS 4754 : 1968	Specification for staining troughs and jar
16.	IS 5155 : 1969	Specification for pipettes ostwald-folin type
17.	IS 6606 : 1972	Albuminometer (Esbach's) with Stopper Stand and Case
18.	IS 6942 : 1973	Specification for flask roux bacteriological with or without offset neck (1000 ml) Nominal Capacity
19.	IS 6943 : 1990	Medical glass instruments - Cover glass used with hemckytometer - Specification (First Revision)
20.	IS 6944 : 1973	Specification for bottle bijou bacteriological
21.	IS 7039 : 1973	Specification for tube culture screw cap
22.	IS 7183 : 1973	Specification for flask culture haffkine

SI. No.	IS No.	TITLE
23.	IS 8501 : 1977	Specification for anaerobic jar
24.	IS 9430 : 1980	Specification for tube haemometer
25.	IS 10269 : 1982	Specification for haemocytometer counting chambers clinical and diagnostic apparatus
26.	IS 10615 : 1983	Needle Holder, Bozemann's Pattern
27.	IS 10867 : 2018/ISO 6710: 2017	Single - Use containers for human venous blood specimen collection (First Revision)
28.	IS 10916 : 1984	Specification for evacuated tubes for blood specimen - Collection Vacutainers
29.	IS 11383 : 1985	Specification for thin walled glass capillary pipettes
30.	IS 12622 : 1989	Medical thermometers for hypothermia subnormal range - Specification
31.	IS 14284 : 1995/ISO 7712	Laboratory glassware - Disposable pasteur pipettes - Specification
32.	IS/ISO 17593 : 2007/ISO 17593:2007	Clinical laboratory testing and in vitro medical devices — Requirements for in vitro monitoring systems for self-testing of oral anticoagulant therapy

Standards Under Development

Projects Approved

SI. No.	Doc No	TITLE
NIL		

Preliminary Draft Standards

SI. No.	Doc No	TITLE
1.	MHD 10 (21498) Revision of: IS 10269:1982	Medical Laboratory Glass Apparatus- Haemocytometer-Specification First Revision
2.	MHD 10 (21745) Revision of: IS 3740:1966	Medical Laboratory Glassware Glass Tubes for Pathology Work - Specification First Revision
3.	MHD 10 (21767) Revision of: IS 4067:1967	Medical Laboratory Glassware Throat Swab Tube West-type Specification
4.	MHD 10 (21771) Revision of: IS 4069:1967	Medical laboratory Glassware Urinometer - Specification First Revision
5.	MHD 10 (21774) Revision of: IS 4087:1980	Medical Laboratory Glassware Pipette for Haemoglobinometer and Blood Pipette for Biochemical Work - Specification Second Revision
6.	MHD 10 (21775) Revision of: IS 4364:1967	Medical Laboratory Glassware Serological Pipettes - Specification First Revision
7.	MHD 10 (21785)	Medical Laboratory Glassware Conical Urine Glass -

	Revision of: IS 4708:1968	Specification First Revision
8.	MHD 10 (21786) Revision of: IS 6943:1990	Medical Laboratory Glassware - Cover Glass used with Haemocytometer Specification Second Revision
9.	MHD 10 (21839) Revision of: IS 4754:1968	Medical Laboratory Glassware Staining Troughs and Jar - Specification First Revision
10.	MHD 10 (21841) Revision of: IS 6606:1972	Medical Laboratory Glass Apparatus Esbachs Albuminometer Specification First Revision

Drafts Standards in WC Stage

SI. No.	Doc No	TITLE
NIL		

Draft Standards Completed WC Stage

SI. No.	Doc No	TITLE
1	MHD 10 (13650)	Biological Safety Cabinet - Class I
2	MHD 10 (13651)	Biological Safety Cabinet - Class II
6	MHD 10 (16151)	Rotary Shaker-Specification

Finalized Draft Indian Standard

SI. No.	Doc No	TITLE
NIL		

Finalized Draft Indian Standards under Print

SI. No.	Doc No	TITLE
NIL		

Total Published Standards:32 Total Standards Under development: 9

Aspect Wise Report

Product:	31
Code of Practices :	0
Methods of Test :	1
Terminology :	0
Dimensions :	0
System Standard :	0

Safety Standard :	0
Others :	0
Service Specification :	0
Process Specification :	0
Unclassified :	0
Total	32