Doc. No. CHD 10/21577 WC-draft
IS 10073: 20XX / ISO 6706: 1981
January 2023

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

Draft Indian Standard

PLASTICS LABORATORY WARE — GRADUATED MEASURING CYLINDERS (*First Revision*)

भारतीय मानक मसौदा

प्रयोगशाला के लिए प्लास्टिक का सामान — अंशांकित मापन सिलिंडर

(*पहला पुनरीक्षण*)

ICS 17.060

Glass, Glassware and Laboratoryware Sectional Committee, CHD 10

Last date for Comments: 25 March 2023

NATIONAL FOREWORD

(Formal clauses shall be added later)

This Standard specifies requirements for a series of plastics cylinders having a graduated volumetric scale and a pouring spout.

The Standard reference temperature, i.e. the temperature at which the cylinder is intended to contain its nominal volume (nominal capacity), shall be 20 ^{o}C.

The standard was originally published in 1982. While reviewing the standard, it was decided to revise this standard by adopting to ISO 6706: 1981 in order to maintain the uniformity in the product worldwide and also to facilitate the global trade.

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

a) Wherever the words 'International Standard' appears referring to this standard, they should be read as 'Indian Standard'.

b) Comma (,) has been used as a decimal marker, while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to certain International Standards for which Indian Standards also exit. The corresponding Indian Standards, which are to be substituted in their places, are listed below along with their degree of equivalence for editions indicated:

International Standard	*Corresponding Indian Standard*	*Degree of Equivalence*
ISO 384, Laboratory glassware — Principles of design and construction of volumetric glassware	IS 8729 : 2018 ISO 384 Laboratory glass and plastics ware - Principles of design and construction of volumetric instruments (*first revision*)	Identical under dual numbering (ISO 384)
ISO 649-2, Laboratory glassware — Density hydrometers for general purposes - Part 2 : Test methods and use.	IS 3104 (Part 2) : 1982 Specification for density hydrometers: Part 2 methods of test and use (*first revision*)	Not Equivalent (ISO 649)
IEC Publication 60335-1, Safety of household and similar electrical appliances — Part 1, General requirement.	IS 302 (Part 1) : 2008 Safety of household and similar electrical appliances: Part 1 general requirements (*sixth revision*)	Modified/Technically Equivalent (IEC 60335_1: 2006)

This standard also makes a reference to the BIS Certification Marking of the product. Details of which is given in National Annex A.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated expressing the result of a test or analysis, shall be rounded off in accordance with IS 2: 2022 'Rules for rounding off numerical values (*second revision*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

NATIONAL ANNEX A

(*National Foreword*)

A-1 BIS *Certification Marking*

The packages may also be marked with the Standard Mark.

A-1.1 The use of the Standard Mark is governed by the provisions of the Bureau of Indian Standards Act, 2016 and the Rules and Regulations made thereunder. The details of conditions under which the licence for the use of the Standard Mark may be granted to manufacturers or producers may be obtained from the Bureau of Indian Standards.