

(PREVIEW)

*Indian Standard*PRINCIPLES OF
CONSTRUCTION AND ADJUSTMENT
OF VOLUMETRIC GLASSWARE

0. FOREWORD

0.1 This Indian Standard was adopted by the Indian Standards Institution on 27 October 1977, after the draft finalized by the Laboratory Glassware and Related Apparatus Sectional Committee had been approved by the Chemical Division Council.

0.2 This standard is intended to provide general guidelines for formulating specifications for articles of volumetric glassware, and is based on draft ISO Standard 384 'Principles of construction and adjustment of volumetric glassware', issued by the International Organization for Standardization (ISO).

0.3 In this standard important information regarding basis of adjustment, volumetric accuracy, construction, graduation, etc, of volumetric glassware has been provided. In addition to this, appendices covering limits of volumetric error in relation to capacity and diameter at the meniscus and interrelation between standard deviation, limit of volumetric error, line thickness and also line spacing on articles having a scale, have also been included with suitable examples to explain their application in the adjustment of volumetric glassware.

1. SCOPE

1.1 This Standard lays down the principles of construction and adjustment of volumetric glassware.