

(PREVIEW)

Indian Standard

SPECIFICATION FOR COMBUSTION TUBES

0. FOREWORD

0.1 This Indian Standard was adopted by the Indian Standards Institution on 1 February 1967, after the draft finalized by the Ceramicware Sectional Committee had been approved by the Chemical Division Council.

0.2 Combustion tubes having dense homogeneous body, characterized by mechanical and thermal resistance are used in tube furnaces for quantitative estimation in general laboratory work, such as estimation of carbon and sulphur in steel. It is hoped that this standard will help consumers in selecting a suitable quality of tubes and will also guide the manufacturers in meeting the requirements demanded by the consumers.

0.3 In the formulation of this standard valuable assistance has been rendered by the Central Glass and Ceramic Research Institute (CSIR), Calcutta.

0.4 This standard contains clauses **3.3.1**, **3.3.2** and **4.1** which permit the purchaser to use his option for selection to suit his requirements.

0.5 This standard is one of series of Indian Standards for laboratory porcelain. Other standards published so far in this series are:

IS : 2836-1964 Methods of test for laboratory porcelain

IS : 2837-1964 Specification for porcelain crucibles and basins

IS : 3482-1965 Specification for clay pipe triangles

IS : 3936-1966 Specification for porcelain mortars and pestles

IS : 3953-1966 Specification for high temperature combustion boats

1. SCOPE

1.1 This standard prescribes the requirements and the methods of sampling and test for combustion tubes used in general laboratory analysis.

*Rules for rounding off numerical values (*revised*).