

(PREVIEW)

Indian Standard

METHODS OF TEST FOR VITREOUS ENAMELWARE

PART 1 PREPARATION OF SPECIMEN FOR TESTING

Section 2 Enamelled Cast Iron

0. FOREWORD

0.1 This Indian Standard (Part 1/Sec 2) (First Revision) was adopted by the Indian Standards Institution on 26 October 1984, after the draft finalized by the Ceramic ware Sectional Committee had been approved by the Chemical Division Council.

0.2 The Committee, while revising IS : 3972-1968*, decided to publish this standard in two parts. Part 1 will deal with production of specimen for testing in two Sections, namely Section 1 Enamelled sheet steel and Section 2 Enamelled cast iron, and Part 2 would deal with various test methods.

0.3 For testing both vitreous enamels and enamelware, either whole articles may be taken as specimens or portions may be cut out of them as specimens. But where this is not possible or when the loss in mass per unit area of the enamel coating is to be determined quantitatively, specimens may have to be prepared specially (*see 4*) as the specimens cut from enamelled articles (*see 5*) may reduce the accuracy of test results. Accordingly, in this standard details have been given for the production of specially prepared specimens and also for cutting specimens from production articles.

0.4 In the preparation of this standard (Part 1/Sec 2), assistance has been derived from ISO 2724-1973 'Vitreous and porcelain enamels for cast iron — Production of specimens for testing' issued by the International Organization for Standardization (ISO).

1. SCOPE

1.1 This standard (Part 1/Sec 2) specifies methods for the production of specimens suitable for testing vitreous enamels for cast iron and enamelled cast iron articles.

*Methods of test for vitreous enamelware.

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