

## भारतीय मानक ब्यूरो

DRAFT FOR WIDE CIRCULATION

(Not to be reproduced without permission of BIS or used as an Indian Standard)

### भारतीय मानक प्रारूप घूर्णी भट्टों के उपयोग के लिए अग्निसह ईंट — आयाम

#### *Draft Indian Standard* **Refractory bricks for use in rotary kilns — Dimensions**

ICS 81.080

Refractories Sectional Committee, MTD 15

Last date of comment:  
11/12/2023

#### NATIONAL FOREWORD

This draft Indian Standard which is identical with ISO 5417:1986 'Refractory bricks for use in rotary kilns — Dimensions' issued by the International Organization for Standardization (ISO), and subject to its finalization, is to be adopted by the Bureau of Indian Standards on the recommendation of the Refractories Sectional Committee and approval of the Metallurgical Engineering Division Council.

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

- Wherever the words 'International Standard' appear referring to this standard, it should be read as 'Indian Standard'
- 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 exists. The corresponding Indian Standards which are to be substituted in their place are listed below along with their degree of equivalence for the edition indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
-------------------------------	--------------------------------------	----------------------------------

ISO 9205:1988 — Refractory bricks for use in rotary kilns — Hot-face identification marking	MTD 15 (23734) — Refractory bricks for use in rotary kilns — Hot-face identification marking.	Identical
---	---	-----------

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.

The scope of the standard is as follows:

### **SCOPE**

This International Standard specifies a range of dimensions of basic, fireclay and high alumina refractory bricks for use in rotary kilns.

It does not apply to special closure bricks for use in completing circles.

A standard system of hot-face identification marking is given in ISO 9205.

**The complete document/text of ISO 5417:1986 'Refractory bricks for use in rotary kilns — Dimensions' may be made available, on request to:**

संजीव मैनी / **Sanjiv Maini**  
वरिष्ठ निदेशक, वैज्ञानिक 'एफ' एवं प्रमुख / **Senior Director, Scientist 'F' & Head**  
धातुकर्म अभियांत्रिकी विभाग / **Metallurgical Engg. Department**  
भारतीय मानक ब्यूरो / **Bureau of Indian Standards,**  
मानक भवन, नई दिल्ली / **Manak Bhavan, 9, B.S.Z. Marg,**  
**New Delhi-110002**  
**E-mail: mtd@bis.gov.in, mtd15@bis.gov.in**  
**Tel: + 91 11 23231085**