



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

BUREAU OF INDIAN STANDARDS

(Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India)

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DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : MTD13/T-174

Date : 21 September 2023

TECHNICAL COMMITTEE : Ores and Feed Stock for Iron and Steel Industry Sectional Committee, MTD 13

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Ores and Feed Stock for Iron and Steel Industry Sectional Committee Sectional Committee, MTD 13. Please [click here](#) to view the document.

Document Number : MTD 13 (23619) WC

Title of the document : Iron ores for blast furnace feedstocks Determination of the decrepitation index

Document Type : New Indian Standard

This document has following salient features which may require specific attention for your valuable comments:

1) The Decrepitation Index (DI), the parameter used to describe the extent of decrepitation, is described as the ratio of the mass of particles <6 mm after pre-heating to the total mass of the sample. As the cold burden lands on the top of the hot burden in the furnace and descends, it is subject to thermal shock, which may also cause breakdown of the lump particles. To assess this behaviour of lump ore, the decrepitation index (DI) is usually measured in accordance with ISO 8371. The decrepitation index quantifies the resistance of lump ore to thermal degradation. A high decrepitation index results in more iron loss through dust generation and has a negative impact on blast furnace permeability.

Please examine the document and share your comments regarding further improvement in the document.

Last date for sharing the comments is : 21 October 2023

The comments should be shared in the prescribed template through this portal only; and the comments so received shall be taken up by the Sectional Committee for necessary action. For any other query, please write an email at mtd@bis.gov.in to the undersigned at Bureau of Indian Standard, Manak Bhawan, 9, Bahadur Shah Zafar Marg, New Delhi.

In case no comments are received, we would presume your approval of the documents. However, in case we receive any comments on the document, the same shall be put up to the Sectional Committee for necessary action.

Thanking You,

Yours faithfully,
(SANJIV MAINI)
Head (Metallurgical Engineering Department)
Email: mtd@bis.gov.in



व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : MTD13/T-174

दिनांक : 21-09-2023

तकनीकी समिति : Ores and Feed Stock for Iron and Steel Industry Sectional Committee Sectional Committee, MTD 13

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : MTD 13 (23619) WC

शीर्षक :

कृपया इस/इन मानक(को)/संशोधन(नो) के मसौदे(दो) का अवलोकन करें और अपनी सम्मतियाँ यह बताते हुए भेजें कि यदि ये मानक(को) के संशोधन(नो) के रूप में प्रकाशित हो तो इन पर अमल करने में आपके व्यवसाय अथवा कारोबार में क्या कठिनाइयां आ सकती हैं।

सम्मतियाँ भेजने की अंतिम तिथि : 21 October 2023

सम्मतियाँ, यदि कोई हों तो, कृपया यहाँ क्लिक करके ऑनलाइन पोर्टल के माध्यम से ऊपर दी गयी अंतिम तिथि तक दर्ज कराएं।

यह/ये प्रलेख भारतीय मानक ब्यूरो की वेबसाइट www.bis.gov.in पर भी उपलब्ध है/हैं।

धन्यवाद।

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