



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 : HQ-MTD034(T)/7/2021-MTD-BIS

Date : 21 July 2022

TECHNICAL COMMITTEE : Methods of Chemical Analysis of Metals Sectional Committee, MTD 34

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Methods of Chemical Analysis of Metals Sectional Committee Sectional Committee, MTD 34. Please [click here](#) to view the document.

Document Number : MTD 34 (20145) WC

Title of the document : Methods of Chemical Analysis of Iron Ores Part 1 Determination of Common Constituents

Document Type : Revision of Indian Standard (IS 1493 : Part 1 : 1981)

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

1) a) A general clause has been added detailing the guidelines for factors involved. b) Wherever required, the procedures of determinations have been suitably altered, incorporating the repeatability or reproducibility of the elemental analytical values as per the ISO standards. c) Inclusion of the method of calculation of total Iron on the natural, as received basis as a new item as per commercial requirement. d) The procedure for the determination of Sulphur is modified to eliminate the use of MIBK instead of pure Aluminium metal powder has been used to reduce ferric iron to ferrous iron presence of which does not interfere with the accuracy of the method. e) The method of determination of Acid Soluble Iron as per ISO 9035:1989 'Iron ores – Determination of acid-soluble iron (II) content – Titrimetric method' as it is, included in this revision. f) The method of determination of total iron content-titrimetric methods after titanium (III) chloride reduction as per ISO 2597-2:2019 include

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

Last date for sharing the comments is : 19 September 2022

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,
(Rongali Tirumala Rao)
Sc-D, MTD-34
Email: mtd34@bis.gov.in**



व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : HQ-MTD034(T)/7/2021-MTD-BIS

दिनांक : 21-07-2022

तकनीकी समिति : Methods of Chemical Analysis of Metals Sectional Committee Sectional Committee, MTD 34

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : MTD 34 (20145) 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 : 19 September 2022

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।

भवदीय/भवदिया,
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