

### Item 3 LIST OF INDIAN STANDARDS


**3.1** The Ferroalloys Sub Committee, MTD 13:01 noted the information given in **Item No. 3.1** of the agenda of the Meeting regarding the list of Indian Standards that fall under the scope of Ferroalloys subcommittee is place at **Annexure-A** of the agenda of the meeting.

**3.2** The committee noted the information given Item No. 3.2 of the agenda of the Meeting.

**3.3** Member secretary informed about the mirror committee of this committee to ISO Technical committees ISO/TC 132 on Ferroalloys. As India is ‘P’ member in this ISO committee, he had requested the members to participate actively in the work of ISO TC.

### Item 4 ACTION TAKEN REPORT

**4.1** The Committee considered the action taken report as given in **Item No. 4.1** of the agenda and decided as follows:

| Sl. No. | Subject  | Decision of the MTD13 committee in its last meeting   | Action Taken   | Decision of the Committee  |
|---------|--|---|--|--|
| 1       | IS 4409: 1973 Specification for ferronickel (First Revision) | <p>Comments were received from Central laboratory of BIS vide email dated 28th September 2020 on test methods mentioned in the standards and for the review of standard. Accordingly revision of IS 4409 is started. The comments received from Central laboratory were placed at <b>Appendix-B</b>.</p> <p>The draft revised document <b>Doc MTD 13(17099)</b> was sent for wide circulation vide our letter dated 09/07/2021. Last date of comments was 08/08/2021. The WC document is place at <b>Annex-C</b>.</p> <p>We have received following comments on the circulated draft:</p>  <p>comments IS 4409 (17.09.2021) With gr</p> <p>During 1<sup>st</sup> meeting, the committee decided to circulate the draft document (<b>MTD 13 (17099)</b>) along with the comments received among the members for a period of <b>one month</b> and to review the draft documents along with comments and to provide their views/comments.</p> | The draft document is circulated among members vide email dated 23-12-2021 and 07-04-2022. However, no comments were received on the Draft document. | After deliberation, the committee decided to send the draft document ( <b>MTD 13 (17099)</b> ) for printing.   |
| 2       | IS 1110: 1990 Specifications for Ferrosilicon (Fourth        | Comments were received from Central laboratory of BIS vide email dated 28th September 2020 on test methods mentioned in the standards and for the review of   | The draft document is circulated among members vide email dated 23-12-2021 and 09-05-2022. However,  | After deliberation, the committee decided to circulate again the draft document ( <b>MTD 13 (17099)</b> ) among the members for a period of <b>one month</b> and |

**Email****MTDTHIRTEEN Metallurgical Engineering Department**


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**RE: Requesting approval to send IS 4409 for Printing**

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**From :** dev@igcar.gov.in  
**Subject :** RE: Requesting approval to send IS 4409 for Printing  
**To :** MTDTHIRTEEN Metallurgical Engineering Department  
<mtd13@bis.gov.in>

Wed, May 25, 2022 01:58 PM

 IS 4409 1 attachment

DEAR Mr. Ram Sai Kumar,

Please find enclosed the revised version of the document IS 4409. The draft document is approved.

Dr. M. Vasudevan  
Associate Director, Materials Development and Technology Group  
Metallurgy and Materials Group  
Professor, Homi Bhabha National Institute  
Indira Gandhi Centre for Atomic Research, Kalpakkam  
Phone no. 044 27480003  
Cell no. 9445315976

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**From:** MTDTHIRTEEN Metallurgical Engineering Department [mailto:mtd13@bis.gov.in]  
**Sent:** 25 May 2022 13:22  
**To:** dev@igcar.gov.in  
**Subject:** Requesting approval to send IS 4409 for Printing

Dear Sir,

Necessary editorial changes were made. Please find the attached documents for your perusal.

In the view of the above, You are kindly requested to review and give your approval to send the above Draft Indian Standard for printing.

Regards,  
Ram Sai Kumar,  
Member Secretary MTD13  
Metallurgical Engineering Department  
Bureau of Indian Standards  
9 B.S.Zafar Marg,  
New Delhi 110002  
#0112360-8343

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**From:** "MTDTHIRTEEN Metallurgical Engineering Department" <mtd13@bis.gov.in>  
**To:** dev@igcar.gov.in  
**Sent:** Tuesday, May 24, 2022 4:51:05 PM  
**Subject:** Requesting approval to send IS 4409 for Printing

Dear Sir,

This is with reference to the Subject mentioned above.  
The Draft Document is Circulated among the committee members and the comments received from Shri Ashish Goyal from M/s Jindal Stainless were editorial in nature. The necessary changes have been made and the information is given to him.

The Draft Indian Standard is attached for your ready reference.

In the view of the above, You are kindly requested to give your approval to send the above Draft Indian Standard for printing.

Regards,  
Ram Sai Kumar,  
Member Secretary MTD13  
Metallurgical Engineering Department  
Bureau of Indian Standards  
9 B.S.Zafar Marg,  
New Delhi 110002  
#0112360-8343



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 **IS 4409-1973 edited 25-04-2022.docx**  
36 KB

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**Email****MTDTHIRTEEN Metallurgical Engineering Department****RE: Requesting approval to send IS 4409 for Printing**

**From :** rajankr@nmdc.co.in  
**Subject :** RE: Requesting approval to send IS 4409 for Printing  
**To :** MTDTHIRTEEN Metallurgical Engineering Department  
<mtd13@bis.gov.in>  
**Cc :** rajankr01367@gmail.com

Tue, May 31, 2022 04:09 PM

 IS 4409

Dear Sai,

The draft standard IS 4409 is in order , may please be considered for approval.

Regards,

(Rajan Kumar)

GM(MP) Services

NMDC Steel Plant,N.M.D.C. Limited (A Government of India Enterprise)  
Nagarnar, Jagdalpur, (CG) 494001  
web :www.nmdc.co.in

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**From:** MTDTHIRTEEN Metallurgical Engineering Department <mtd13@bis.gov.in>**Sent:** 25 May 2022 14:34**To:** Rajan Kumar <rajankr@nmdc.co.in>; rajankr01367@gmail.com**Subject:** Fwd: Requesting approval to send IS 4409 for Printing

Dear Sir,

This is with reference to the Subject mentioned above.

During the 2nd Subcommittee meeting of MTD13:01, the committee decided to circulate the Draft Indian Standard is among the committee members.

In this regard, comments were received from Shri Ashish Goyal from M/s Jindal Stainless were editorial in nature and clarification is given to him. The necessary changes were incorporated into the standard.

The Draft Indian Standard is attached for your ready reference.

In the view of the above, You are kindly requested to give your approval to send the above Draft Indian Standard for printing.

Regards,

Ram Sai Kumar,

Member Secretary MTD13

Metallurgical Engineering Department

Bureau of Indian Standards

9 B.S.Zafar Marg,

New Delhi 110002

#0112360-8343

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**Fwd: Request to seek approval for publishing Draft standards**

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**From :** MTD MTD <mtd@bis.gov.in>

Fri, Oct 21, 2022 08:48 AM

**Subject :** Fwd: Request to seek approval for publishing Draft standards**To :** Ram Sai Kumar Gedela <ramgedela@bis.gov.in>**Reply To :** MTD MTD <mtd@bis.gov.in>

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**From:** "raman sarita" <raman.sarita@gmail.com>**To:** "MTD MTD" <mtd@bis.gov.in>**Sent:** Thursday, October 20, 2022 5:39:11 PM**Subject:** Re: Request to seek approval for publishing Draft standards**Approved****Raman**On Tue, 18 Oct 2022, 15:29 MTD MTD, <[mtd@bis.gov.in](mailto:mtd@bis.gov.in)> wrote:

भारतीय मानक ब्यूरो  
(धातुकर्म अभियांत्रिकी विभाग)

दिनांक: 18.10.2022

हमारा सन्दर्भ: MTD13/T-120

Respected Sir,

You are requested to kindly approve the following draft in accordance with sub-rule (5) of Rule 22 of Bureau of Indian Standards Rules, 2018. The drafts have been finalized by **Ores and Feed Stock for Iron and Steel Industry Sectional Committee Sectional Committee** and their respective Chairman's after giving due consideration to the comments received from important Producers, Consumers, Technologists, Members of Metallurgical Engineering Division Council:

1. **MTD 13 (17099) - FERRONICKEL -- SPECIFICATION .**

Copy of the draft document have been attached to this mail for kind information please.

Thanking You,

**Yours Sincerely,  
Sanjiv Maini,  
Scientist-`E' & Head (MTD)**

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MTD BIS

