

भारतीय मानक ब्यूरो

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

भारतीय मानक प्रारूप

रासायनिक संगठन ज्ञात करने के लिए इस्पात एवं लोहे के नमूने तैयार करना

(IS/ISO 14284 का पहला पुनरीक्षण)

Draft Indian Standard

**Steel and iron — Sampling and preparation of samples for the
determination of chemical composition**

(first revision of IS/ISO 14284)

ICS 77.080.01

Wrought Steel Products Sectional Committee
MTD 4

Last date for receipt of comments is
17 Feb 2024

NATIONAL FOREWORD

(Formal clauses will be added later)

This standard was originally published in 2011, which was identical to ISO 14284:1996. Since ISO 14284 was revised in 2022, it was felt to revise IS /ISO 14284 also.

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain terminology and conventions are, however, not identical to those used in Indian Standards.

Attention is particularly drawn to the following:

a) Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'.

b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

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 Scope of the standard is as follows:

1. Scope

This document specifies methods for sampling and sample preparation for the determination of the chemical composition of pig irons, cast irons and steels.

Methods are specified for both liquid and solid metal.

The complete document/text of ISO 14286:2022 ‘Steel and iron — Sampling and preparation of samples for the determination of chemical composition’ may be made available, on request to:

Shri Sanjiv Maini
Scientist ‘F’/Senior Director & Head (Metallurgical Engg. Department)
Bureau of Indian Standards,
Manak Bhavan, 9, B.S.Z. Marg,
New Delhi-110002
E-mail:mtd4@bis.gov.in

Tel: + 91 11 23231085