

Implementation of
ISO 4695:1995

Iron ores — Determination of reducibility

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee ISE/58, Iron ores, upon which the following bodies were represented:

- British Iron and Steel Producers' Association
- Institution of Mining and Metallurgy
- Co-opted Member

This British Standard, having been prepared under the direction of the Engineering Sector Board, was published under the authority of the Standards Board and comes into effect on 15 March 1996

© BSI 12-1999

The following BSI references relate to the work on this standard:
Committee Reference ISE/58
Draft for comment 93/310939 DC

ISBN 0 580 25497 6

Amendments issued since publication

Amd. No.	Date	Comments

Contents

	Page
Committees responsible	Inside front cover
National foreword	ii
Foreword	iii
Text of ISO 4695	1

National foreword

This British Standard reproduces verbatim ISO 4695:1995 and implements it as the UK national standard. This British Standard supersedes BS 6598:1985 which is withdrawn.

This British Standard is published under the direction of the Engineering Sector Board whose Technical Committee ISE/58 has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international committee any enquiries on interpretation, or proposals for change, and keep UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

NOTE International and European Standards, as well as overseas standards, are available from Customer Services, BSI, 389 Chiswick High Road, London W4 4AL.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the ISO title page, pages ii to iv, pages 1 to 8 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

INTERNATIONAL STANDARD

ISO
4695

Second edition
1995-11-15

Iron ores — Determination of reducibility

Minerais de fer — Détermination de la réductibilité



Reference number
ISO 4695:1995(E)

Contents

	Page
Foreword	iii
Introduction	1
1 Scope	1
2 Normative references	1
3 Definitions	1
4 Principle	1
5 Reducing gas	1
6 Apparatus	1
7 Preparation of test sample	2
8 Test conditions	2
9 Procedure	2
10 Expression of results	3
11 Test report	4
Annex A (informative) Derivation of equation for reducibility	7
Annex B (informative) Bibliography	8
Figure 1 — Example of arrangement of a test unit for determination of reducibility	4
Figure 2 — Example of test apparatus	5
Figure 3 — Example of reduction tube	6