



JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS M 8718 : 2009

(JISF)

**Iron ore pellets — Determination of
crushing strength**

ICS 73.060.10

Reference number : JIS M 8718 : 2009 (E)

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M 8718 : 2009

Date of Establishment: 1973-06-01

Date of Revision: 2009-10-20

Date of Public Notice in Official Gazette: 2009-10-20

Investigated by: Japanese Industrial Standards Committee
Standards Board
Technical Committee on Iron and Steel

JIS M 8718 : 2009, First English edition published in 2010-10

Translated and published by: Japanese Standards Association
4-1-24, Akasaka, Minato-ku, Tokyo, 107-8440 JAPAN

In the event of any doubts arising as to the contents,
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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of the proposal for revision of Japanese Industrial Standard from Japan Iron and Steel Federation (JISF), with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS M 8718 : 2000** has been replaced with this Standard.

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Iron ore pellets — Determination of crushing strength

Introduction

This Japanese Industrial Standard has been prepared based on the third edition of ISO 4700 published in 2007 with some modifications of the technical contents.

The portions with dotted underlines are the matters in which the contents of the corresponding International Standard have been modified. A list of the modifications with the explanations is given in Annex JA.

1 Scope

This Standard specifies a method to provide a measure of the compressive load attained to cause breakage of pellets for blast furnace (hereafter referred to as “pellets”).

This Standard is applicable to hot-bonded pellets.

NOTE 1 The corresponding International Standard, ISO 4700, is applicable to pellets for blast furnace and direct reduction feedstocks.

NOTE 2 The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows :

ISO 4700 : 2007 *Iron ore pellets for blast furnace and direct reduction feedstocks — Determination of the crushing strength* (MOD)

The symbols which denote the degree of correspondence in the contents between the relevant International Standard and JIS are IDT (identical), MOD (modified), and NEQ (not equivalent) according to ISO/IEC Guide 21-1.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS M 8700 *Iron ore and direct reduced iron — Vocabulary*

NOTE : Corresponding International Standard : ISO 11323 *Iron ore and direct reduced iron — Vocabulary* (MOD)

JIS M 8702 *Iron ores — Sampling and sample preparation procedures*

NOTE : Corresponding International Standard : ISO/FDIS 3082 *Iron ores — Sampling and sample preparation procedures* (MOD)

JIS Z 8401 *Guide to the rounding of numbers*