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☞ JIS G 2313 : 1998

Chromium metal

ICS 77.100

Descriptors : chromium, refractory metals, transition metals, metals, additives

Reference number : JIS G 2313 : 1998 (E)

G 2313:1998

Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently **JIS G 2313: 1986** is replaced with **JIS G 2313: 1998**.

Date of Establishment: 1950-07-28

Date of Revision: 1998-02-20

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In the event of any doubts arising as to the contents,
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Introduction This revision is carried out for the purpose of compliance with the corresponding International Standard.

The Annex to this Standard is prepared based on **ISO 10387, Metal chrome—Specification and conditions of delivery** issued as the first edition in 1994 without changing the technical contents and can be applied in place of the provisions in the text of this Standard.

1 Scope This Japanese Industrial Standard specifies the chromium metal to be used mainly as additive of alloy composition for manufacturing of non-ferrous alloys.

2 Normative references The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of the standards indicated below shall be applied.

JIS G 1301 *General rules for chemical analysis of ferroalloys*

JIS G 1323 *Methods for chemical analysis of chromium metal*

JIS G 1351 *Method for X-ray fluorescence spectrometric analysis of ferroalloys*

JIS G 1501 *General rules for sampling of ferroalloys*

JIS G 1603 *Methods of sampling for chemical analysis of ferroalloys (Part 3 Ferro-phosphorus, manganese metal, silicon metal, chromium metal, calcium silicon and ferroboration)*

3 Classification and symbol The chromium metal shall be of one class, and its symbol shall be MCr.

4 Method of lot formation The lot size shall be not more than 2 t.

5 Quality

5.1 Chemical composition The chemical composition shall be as specified in Table 1. However, it may be designated as given in Table 2.

Table 1 Chemical composition

Class symbol		Chemical composition % (m/m)						
		Cr	C	Si	P	S	Fe	Al
Chromium metal	MCr	99.0 min.	0.04 max.	0.2 max.	0.05 max.	0.05 max.	0.5 max.	0.3 max.

Table 2 Designated chemical composition

Class	Chemical composition % (m/m)
	P
Chromium metal	0.02 max.

