



JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS G 1257-8 : 2013

(JISF)

**Iron and steel—Atomic absorption
spectrometric method—Part 8:
Determination of cobalt—Flame
atomization after decomposition
with acids**

ICS 71.040.50;77.080.01;77.080.10;77.080.20

Reference number : JIS G 1257-8 : 2013 (E)

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Date of Establishment: 2013-11-20

Date of Public Notice in Official Gazette: 2013-11-20

Investigated by: Japanese Industrial Standards Committee
Standards Board

Technical Committee on Iron and Steel

JIS G 1257-8:2013, First English edition published in 2015-05

Translated and published by: Japanese Standards Association
Mita MT Building, 3-13-12, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

In the event of any doubts arising as to the contents,
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Printed in Japan

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Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee according to the proposal for establishment of Japanese Industrial Standard submitted by The 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.

Consequently, **JIS G 1257:2000** has been withdrawn and partially replaced with this Standard.

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JIS G 1257 series consists of the following 32 parts under the general title “*Iron and steel—Atomic absorption spectrometric method*”:

JIS G 1257-0 *Part 0: General rules*

JIS G 1257-1 *Part 1: Determination of manganese—Flame atomization after decomposition with acids*

JIS G 1257-2 *Part 2: Determination of phosphorus—Flame atomization indirect method after extraction of molybdophosphate*

JIS G 1257-3 *Part 3: Determination of nickel—Flame atomization after decomposition with acids*

JIS G 1257-4 *Part 4: Determination of chromium—Flame atomization after decomposition with acids*

JIS G 1257-5 *Part 5: Determination of molybdenum—Flame atomization after decomposition with acids*

JIS G 1257-6 *Part 6: Determination of copper—Flame atomization after decomposition with acids*

JIS G 1257-7 *Part 7: Determination of vanadium—Flame atomization after decomposition with acids*

JIS G 1257-8 *Part 8: Determination of cobalt—Flame atomization after decomposition with acids*

JIS G 1257-9 *Part 9: Determination of titanium—Flame atomization after decomposition with acids*

JIS G 1257-10-1 *Part 10: Determination of aluminium—Section 1: Flame atomization after decomposition with acids*

JIS G 1257-10-2 *Part 10: Determination of aluminium—Section 2: Determination of acid-soluble aluminium*

- JIS G 1257-10-3 *Part 10: Determination of aluminium—Section 3: Flame atomization after separation of iron*
- JIS G 1257-10-4 *Part 10: Determination of aluminium—Section 4: Electrothermal atomization*
- JIS G 1257-11-1 *Part 11: Determination of tin—Section 1: Flame atomization after extraction of iodide*
- JIS G 1257-11-2 *Part 11: Determination of tin—Section 2: Electrothermal atomization*
- JIS G 1257-12-1 *Part 12: Determination of lead—Section 1: Flame atomization after decomposition with acids*
- JIS G 1257-12-2 *Part 12: Determination of lead—Section 2: Flame atomization after extraction of iodide*
- JIS G 1257-12-3 *Part 12: Determination of lead—Section 3: Electrothermal atomization*
- JIS G 1257-13 *Part 13: Determination of magnesium—Flame atomization after decomposition with acids*
- JIS G 1257-14 *Part 14: Determination of calcium—Flame atomization after decomposition with acids*
- JIS G 1257-15-1 *Part 15: Determination of zinc—Section 1: Flame atomization after decomposition with acids*
- JIS G 1257-15-2 *Part 15: Determination of zinc—Section 2: Flame atomization after extraction of tetra-hexylammonium iodide-trioctylamine complex*
- JIS G 1257-16-1 *Part 16: Determination of bismuth—Section 1: Flame atomization after extraction of iodide*
- JIS G 1257-16-2 *Part 16: Determination of bismuth—Section 2: Electrothermal atomization*
- JIS G 1257-17-1 *Part 17: Determination of antimony—Section 1: Flame atomization after extraction of iodide*
- JIS G 1257-17-2 *Part 17: Determination of antimony—Section 2: Electrothermal atomization*
- JIS G 1257-18-1 *Part 18: Determination of tellurium—Section 1: Flame atomization after extraction of iodide*
- JIS G 1257-18-2 *Part 18: Determination of tellurium—Section 2: Electrothermal atomization*
- JIS G 1257-19-1 *Part 19: Determination of arsenic—Section 1: Electrothermal atomization*
- JIS G 1257-19-2 *Part 19: Determination of arsenic—Section 2: Hydride generation method (to be established)*
- JIS G 1257-20 *Part 20: Determination of selenium—Electrothermal atomization*