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**Quality requirements for fusion welding
of metallic materials**

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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 proposal for revision of Japanese Industrial Standard submitted by The Japan Welding Engineering Society (JWES) 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 Z 3400** : 1999 is replaced with this Standard.

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Quality requirements for fusion welding of metallic materials

Introduction

This Japanese Industrial Standard has been prepared based on the second editions of **ISO 3834-1**, **ISO 3834-2**, **ISO 3834-3**, **ISO 3834-4** published in 2005, and the first edition of **ISO 3834-5** published in 2005, with some modifications of the technical contents and structure. Further, Annex F (informative) has been prepared based on the first edition of **ISO/TR 3834-6** published in 2007.

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

1 Scope

This Standard provides quality requirements for fusion welding of metallic materials in three levels: comprehensive quality requirements (Annex B), standard quality requirements (Annex C) and elementary quality requirements (Annex D), and also criteria to be taken into account for the selection of the appropriate level of quality requirements among these three levels.

It also provides a list of documents with which it is necessary to conform to claim conformity to quality requirements of each level in Annex E.

NOTE 1 This Standard does not specify requirements for a total quality management system (hereafter abbreviated as “QMS”). However, clause **6** identifies QMS elements where their inclusion will complement this Standard.

NOTE 2 Annex B, Annex C and Annex D may be used on their own by a manufacturer or in conjunction with JIS Q 9001.

NOTE 3 The International Standards corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 3834-1 : 2005 *Quality requirements for fusion welding of metallic materials — Part 1 : Criteria for the selection of the appropriate level of quality requirements*

ISO 3834-2 : 2005 *Quality requirements for fusion welding of metallic materials — Part 2 : Comprehensive quality requirements*

ISO 3834-3 : 2005 *Quality requirements for fusion welding of metallic materials — Part 3 : Standard quality requirements*

ISO 3834-4 : 2005 *Quality requirements for fusion welding of metallic materials — Part 4 : Elementary quality requirements*

ISO 3834-5 : 2005 *Quality requirements for fusion welding of metallic materials — Part 5 : Documents with which it is necessary to conform to*