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**Welding and allied processes—  
Vocabulary—Part 2: Welding  
processes**

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## Foreword

This Japanese Industrial Standard has been 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 3001-2:2013** is replaced with this Standard.

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**JIS Z 3001** series consists of the following 7 parts under the general title “*Welding and allied processes—Vocabulary*”:

*Part 1: General*

*Part 2: Welding processes*

*Part 3: Soldering and brazing*

*Part 4: Imperfections in welding*

*Part 5: Laser welding*

*Part 6: Resistance welding*

*Part 7: Arc welding*

# Welding and allied processes— Vocabulary—Part 2: Welding processes

## Introduction

This Japanese Industrial Standard was established in 2008 and last revised in 2013. This revision has been undertaken as part of the overall reconstruction of the **JIS Z 3001** standard series.

There is currently no International Standard corresponding to this Standard; however, the 2016 edition of **ISO/TR 25901-3** has been referred to in drafting of the contents of this Standard.

## 1 Scope

This Standard contains terms and definitions for welding processes. It does not contain terms and definitions related to specific processes and particular aspects of welding and applied processes that are covered in other parts of the standard series.

## 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 Z 3001-1 *Welding and allied processes—Vocabulary—Part 1: General*

JIS Z 3001-5 *Welding and allied processes—Vocabulary—Part 5: Laser welding*

JIS Z 3001-6 *Welding and allied processes—Vocabulary—Part 6: Resistance welding*

JIS Z 3001-7 *Welding and allied processes—Vocabulary—Part 7: Arc welding*

## 3 Classification

Terms are classified according to the following aspects.

- a) Basic aspects of welding
- b) Welding with pressure
- c) Fusion welding

## 4 Terms and definitions

NOTE 1 Parentheses attached after the Japanese terms contain the readings of kanji characters that are difficult to read.

NOTE 2 Parentheses attached before the Japanese terms contain modifiers with or without which the term concerned can be used; however, the terms without the modifiers in parentheses are preferred.

NOTE 3 The rightmost column contains in its heading the number of **ISO/TR** which has been referred to, and in the rows below, the numbers of relevant clauses or sub-clauses in that **ISO/TR** that correspond to respective terms. Where other **ISO/TR** than indicated in the heading or an **ISO**