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**Standard qualification test and  
acceptance requirements for manual  
welding technique**

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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 3801:1997** is replaced with this Standard.

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# Standard qualification test and acceptance requirements for manual welding technique

## 1 Scope

This Standard specifies the standard qualification test and acceptance requirements for manual welding technique of shielded metal arc welding, TIG welding, gas welding and combined welding using mild steels and 490 N/mm<sup>2</sup>-grade high tensile strength steels.

## 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 G 3101 *Rolled steels for general structure*

JIS G 3103 *Carbon steel and molybdenum alloy steel plates for boilers and pressure vessels*

JIS G 3106 *Rolled steels for welded structure*

JIS G 3136 *Rolled steels for building structure*

JIS G 3445 *Carbon steel tubes for machine structure*

JIS G 3454 *Carbon steel pipes for pressure service*

JIS G 3455 *Carbon steel pipes for high pressure service*

JIS G 3456 *Carbon steel pipes for high temperature service*

JIS G 3461 *Carbon steel boiler and heat exchanger tubes*

JIS K 1101 *Oxygen*

JIS K 1902 *Dissolved acetylene*

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

JIS Z 3001-2 *Welding and allied processes — Vocabulary — Part 2 : Welding processes*

JIS Z 3001-4 *Welding and allied processes — Vocabulary — Part 4 : Imperfections in welding*

JIS Z 3122 *Methods of bend test for butt welded joint*

JIS Z 3201 *Gas welding rods for mild steel*

JIS Z 3211 *Covered electrodes for mild steel, high tensile strength steel and low temperature service steel*