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**Steel products — Employer's qualification
system for non-destructive testing (NDT)
personnel**

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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 Iron and Steel Federation (JISF) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS G 0431**: 2009), which has been technically revised.

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Steel products — Employer's qualification system for non-destructive testing (NDT) personnel

Introduction

This Japanese Industrial Standard has been prepared based on **ISO 11484 : 2019**, Edition 3, with some modifications of the technical contents.

Annex JA is unique to **JIS** and not given in the corresponding International Standard. The dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex B.

1 Scope

This Standard specifies an employer's qualification system for non-destructive testing (NDT) personnel performing the testing of the following steel products under the employer's responsibility :

- Steel tubes
- Steel sheets, strips, rails, bars, sections, rods and wires

This Standard specifies qualification requirements for the competence of NDT Level 1 and NDT Level 2 personnel to execute specific tasks in the NDT of steel products. The qualification is issued by the employer for a specific steel product and a specific test method.

This Standard is applicable to NDT personnel performing predominantly the automated testing of steel products, using any of the following NDT methods :

- a) eddy current testing (ET);
- b) leak testing (LT) (except water pressure test);
- c) liquid penetrant testing (PT);
- d) magnetic testing (MT);
- e) radiographic testing (RT);
- f) ultrasonic testing (UT).

NOTE 1 Visual testing (VT), though not included above, is listed in ISO 11484.

NOTE 2 The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 11484 : 2019 *Steel products — Employer's qualification system for non-destructive testing (NDT) personnel* (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to