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**Radiographic examination with film  
for the weld seam of welded steel  
tubes**

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In the event of any doubts arising as to the contents,  
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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.

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# Radiographic examination with film for the weld seam of welded steel tubes

## Introduction

This Japanese Industrial Standard has been prepared based on the first edition of **ISO 10893-6** published in 2011 with some modifications of the technical contents.

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

## 1 Scope

This Standard specifies requirements for film-based radiographic X-ray testing of the longitudinal or helical weld seams of automated fusion arc-welded steel tubes (hereafter referred to as “tubes”).

NOTE 1 As an alternative, see **JIS G 0804** based on **ISO 10893-7** for digital radiographic testing.

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

ISO 10893-6:2011 *Non-destructive testing of steel tubes—Part 6: Radiographic testing of the weld seam of welded steel tubes for the detection of imperfections (MOD)*

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standards and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.

## 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 0203 *Glossary of terms used in iron and steel (Products and quality)*

JIS G 0431 *Steel products—Employer’s qualification system for non-destructive testing (NDT) personnel*

NOTE: Corresponding International Standard: ISO 11484 *Steel products—Employer’s qualification system for non-destructive testing (NDT) personnel (MOD)*

JIS G 0804 *Digital radiographic examination for the weld seam of welded steel tubes*

JIS Z 2300 *Terms and definitions of nondestructive testing*

JIS Z 2305 *Non-destructive testing—Qualification and certification of NDT personnel*