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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 19868.3-2005

**Welding procedure qualification by adoption of standard
welding procedure
(English Translation)**

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Foreword

This Part identically uses ISO 15612.2004 "Specification and qualification of welding procedures for metallic materials - Qualification by adoption of a standard welding procedure" (English version).

In order to ensure the standard coordination and operability, this Part made the necessary editorial changes in the equivalent of the translation of ISO 15612.2004.

Compared with ISO 15612, this Part has the following main changes.

- directly used the terms of GB/T 3375 "Welding terminology";
- added Annex A, Annex B, Annex C and Annex D to describe the groups of related materials.

This Part is issued for the first time.

Annex A, Annex B, Annex C and Annex D of this Part are informative.

This Part was proposed by China Machinery Industry Federation.

This Part shall be under the jurisdiction of National Technical Committee on Welding of Standardization Administration of China.

Main drafting organizations of this Part. Harbin Welding Research Institute, Harbin Welding Technology Training Center.

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Welding procedure qualification by
adoption of a standard welding procedure

1 Scope

This Part specifies welding procedure qualification by adoption of a standard welding procedure.

This Part applies to the welding of steel, aluminum and aluminum alloys, copper and copper alloys, nickel and nickel alloys. However, in practical application, the specific scope of application can be determined according to relevant standards or procedures.

2 Normative references

The following standards contain the provisions which, through reference in this Part of GB/T 19868, constitute the provisions of this Part. For dated references, subsequent amendments (excluding corrections) or revisions do not apply to this Part. However, the parties who enter into agreement based on this Part are encouraged to investigate whether the latest versions of these documents are applicable. For undated reference documents, the latest versions apply to this Part.

GB/T 3375, Welding terminology

GB/T 12467.1, Quality requirements for fusion welding of metallic materials

- Part 1. Criteria for the selection of the appropriate level of quality requirements

GB/T 12467.2, Quality requirements for fusion welding of metallic materials

- Part 2. Comprehensive quality requirements

GB/T 12467.3, Quality requirements for fusion welding of metallic materials

- Part 3. Standard quality requirements

GB/T 12467.4, Quality Requirements for Fusion Welding of Metallic

Materials - Part 4. Elementary Quality Requirements

GB/T 15169-2003, Qualification test of welders - Fusion welding for steels

GB/T 19419-2003, Welding coordination - Tasks and responsibilities

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