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

GB/T 12467.5-2009

**Quality requirements for fusion welding of metallic materials --
Part 5: Standard documents need to conform to claim
conformity to the quality requirements**

金属材料熔焊质量要求 第5部分：满足质量要求应依据的标准文件

(English Translation)

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Foreword

GB/T 12467 "quality welding of metallic materials" is divided into five parts.

--- Part 1. Quality requirements of the appropriate level of selection criteria;

--- Part 2. Comprehensive quality requirements;

--- Part 3. General quality requirements;

--- Part 4. Elementary quality requirements;

--- Part 5. meet the quality requirements should be based on standard file.

This section GB/T Part of 512,467.

This part identical with ISO 3834-5:2005 "Quality requirements for fusion welding of metallic materials - Part 5. confirm compliance with ISO 3834-2, ISO 3834-3 or ISO 3834-4 quality requirements needed to file "(in English).

This section is equivalent translation ISO 3834-5:2005.

For ease of use, this section made the following editorial changes.

--- Deleted international standards foreword;

--- The standard name be changed to "standard documents meet the quality requirements should be based.";

--- The ISO 3834-5. those ISO standards, our standards with the like 2005 are listed in the same time, using our standard; our standard Associate with unequal same time, the direct use of the ISO standards;

--- Appendix A specification uses the new version currently in force, with Doc. IAB-252-2007 replaced Doc. IAB-002-2000 /EWF-409, Doc. IAB-003-2000/EWF-410, Doc. IAB-004-2000/EWF-411.

This part of the National Standardization Technical Committee welded and centralized.

This section is drafted. Harbin Welding Institute, Harbin Welding Machinery Industry Training Center.

1 Scope

This section GB/T 12467 requirements in line with GB/T 12467.2, GB/T 12467.3 and GB/T 12467.4 quality requirements should Standard Guide is based.

This section applies to manufacturers of welding capacity evaluation and certification, this section should be GB/T 12467.2, GB/T 12467.3 and GB/T 12467.4 supporting the use.

2.1 General principles

Sure that the manufacturer meets the GB/T 12467.2, when GB/T 12467.3 and GB/T 12467.4 quality requirements, the need to verify the manufacturer Suppliers of production standards adopted those standards (or other standards with which the technical content equivalent) listed 2.2.

When other manufacturers use different standards, it should provide the standard of proof in terms of technical content consistency. Certificate (or the manufacturer's self Statement) should be clear criteria document manufacturer uses.

2.2 Standard document

Manufacturer according to GB/T 12467.2, when GB/T 12467.3 and GB/T 12467.4 welding activities, the following criteria should be used to text Valid version member.

GB/T 9445 NDT personnel qualification and certification (GB/T 9445-2008, ISO 9712:2005, IDT) GB/T 15169 steel welders - Fusion welding skills assessment (GB/T 15169-2003, ISO/DIS9606-1.2002, IDT) GB/T 18591 welding preheating temperature, interpass temperature and preheat maintenance temperature measurement guidelines (GB/T 18591-2001, ISO 13916:1996, IDT) GB/T 19419 welding management tasks and responsibilities (GB/T 19419-2003, ISO 14731:1997, IDT) GB/T 19805 welding operator skills assessment (GB/T 19805-2005, ISO 14732:1998, IDT) GB/T 19866 welding procedures and general assessment principles (GB/T 19866-2005, ISO 15607:2003, IDT) GB/T 19867.1 arc welding procedure specification (GB/T 19867.1-2005, ISO 15609-1:2004, IDT) GB/T 19867.2 gas welding procedure specification (GB/T 19867.2-2008, ISO 15609-2:2001, IDT) GB/T 19867.3 electron beam welding procedure specification (GB/T 19867.3-2008, ISO 15609-3:2004, IDT) GB/T 19867.4 laser welding procedure specification (GB/T 19867.4-2008, ISO 15609-4:2004, IDT) GB/T 19868.1-based procedure qualification test welding materials (GB/T 19868.1-2005, ISO 15610:2003, IDT) GB/T 19868.2 welding procedure qualification based on experience (GB/T 19868.2-2005, ISO 15611:2003, IDT) GB/T 19868.3 standard welding procedure qualification based procedures (GB/T 19868.3-2005, ISO 15612:2004, IDT) GB/T 19868.4 pre-production

welding procedure qualification test (GB/T 19868.4-2005, ISO 15613:2004, IDT) GB/T
19869.1 steel, nickel and nickel alloy welding procedure qualification test (GB/T
19869.1-2005, ISO 15614-1:2004, GB/T 12467.5-2009/ISO 3834-5:2005