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

GB/T 25343.5-2010

**Railway applications -- Welding of railway vehicles and
components -- Part 5: Inspection, testing and documentation**

铁路应用 轨道车辆及其零部件的焊接 第5部分：检验、试验及文件

(English Translation)

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Foreword

GB/T 25343 "Railway applications - welding rail vehicles and their components" is divided into five parts.

- Part 1. General;
- Part 2. Welding manufacturer's quality requirements and certification;
- Part 3. Design requirements;
- Part 4. Production requirements;
- Part 5. Inspection, testing and documentation.

This section GB/T 25343 Part 5, which corresponds to EN15085-5:2007 "Railway applications rail vehicles and their components Welding - Part 5. Inspection, testing and documentation. " The partial modification using EN15085-5:2007, the main changes are as follows.

- Remove the EN15085-5:2007's "Preface" and "Introduction."
- To EN15085-5. International Standard (ISO) in 2007 and the European standard references (EN), if the country has a corresponding standard, a Law cited corresponding national standards or industry standards.

Appendix A of this section is an informative annex

This section proposed by the People's Republic of China Ministry of Railways.

This section from south Qishuyan Locomotive Rolling Stock Technology Research Institute Co., Ltd. under the jurisdiction.

This section is drafted. CSR Qishuyan Locomotive & Rolling Stock Technology Research Institute Co., Ltd., CSR Yangtze River Vehicles Co., Ltd., CSR Qishuyan Motorcycle Co., Ltd., CNR Changchun Railway Vehicles Co., Ltd., CSR Zhuzhou Electric Locomotive Co.,

Ltd., CSR Sifang Locomotive and Rolling Stock Shares Limited.

1 Scope

This section GB/T 25343 specifies the following.

- Weld inspection and test;
- Destructive testing and non-destructive testing;
- Presentation product conformity required files.

This section applies to weld rail vehicles and parts manufacturing and maintenance process of metallic materials.

2 Normative references

The following documents contain provisions which, through reference GB/T 25343 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 9445 NDT personnel qualification and certification (GB/T 9445-2008, ISO 9712:2005, IDT) GB/T 19867 (all parts) welding procedure specification [ISO 15609 (all parts), IDT] GB/T 27050.1 declaration of conformity for conformity assessment side - Part 1. General requirements (GB/T 27050.1-2006, ISO/IEC 17050-1:2004, IDT) GB/T 27050.2 declaration of conformity for conformity assessment side - Part 2. Supporting documentation (GB/T 27050.2-2006, ISO/IEC 17050-2:2004, IDT) Welding - Part 1 GB/T 25343.1-2010 rail vehicles and their components. General GB/T 25343.2-2010 welding rail vehicles and their components - Part 2. Welding manufacturer's quality requirements and certification Part of GB/T 25343.3-2010 rail vehicles and their components soldered 3. Design requirements Welding Section 4 GB/T 25343.4-2010 rail vehicles and their components. production requirements ISO 3834 (all parts) for fusion welding of metallic materials quality requirements ISO 5817 quality welded steel, nickel, titanium and its alloys welded joints (beam welding excluded) defect classification ISO 10042 Arc welding of aluminum and aluminum alloy joint quality levels for imperfections ISO 14731:2006 Welding administrative tasks and responsibilities EN12062 weld nondestructive testing of metallic materials - General requirements

3 Terms and Definitions

Terms and definitions GB/T 25343.1-2010 established applicable to this section.

4.1 General

Relations welding responsible and their representatives in the basic tasks associated with welding and manufacturing stages between Appendix A Table A.1 to do the explanation.