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Railway rolling stock material — Ultrasonic acceptance testing

Matériel roulant de chemin de fer — Essai de réception aux ultrasons



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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

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Foreword

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This document was prepared by Technical Committee ISO/TC 17, *Steel*, Subcommittee SC 15, *Railway rails, rails fasteners, wheels and wheelsets*.

This third edition cancels and replaces the second edition (ISO 5948:1994), which has been technically revised. The main changes compared with the previous edition are as follows:

- a test of hollow axles has been included;
- a testing technique to determine the ultrasonic permeability of axles with a reference block for choice has been added;
- more stringent acceptance levels applicable to wheels and axles used under the service condition of high train speed or high axle load have been added;
- the normative references have been updated.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.