



BSI Standards Publication

Railway applications - Rolling stock - Electronic equipment

National foreword

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Schienenfahrzeugen

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European foreword

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The following dates are fixed:

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This document supersedes EN 50155:2007.

EN 50155:2017 includes the following significant technical changes with respect to EN 50155:2007:

- a) revision of Clause 1, Scope;
- b) revision of Clause 2, Normative references;
- c) revision of Clause 3, Terms, definitions and abbreviations, with reorganisation of subclauses;
- d) improvement of Clause 4, General requirements, in terms of better wording, requirement expansion and reorganisation of subclauses;
- e) revision of Clause 5, Electrical service conditions, with reorganisation of subclauses;
- f) improvement of Clause 6, Reliability, maintainability and expected useful life, with reorganization of subclauses and introduction of explicative figures;
- g) revision of Clause 7, Design;
- h) introduction of a new Clause 8, Non-railway designed electronic equipment;
- i) renumbering of previous Clause 8 to Clause 9, Components, and revision;
- j) renumbering of previous Clause 9 to Clause 10, Construction, and introduction of new requirements;
- k) renumbering of previous Clause 10 to Clause 11, Safety, and improving of the wording;
- l) renumbering of previous Clause 11 to Clause 12, Documentation, and introduction of new requirements also considering new technologies;
- m) renumbering of previous Clause 12 to Clause 13, Testing, text improvement with a particular attention to table “List of tests” and introduction of explaining figures;
- n) introduction of the following informative Annexes:
 - 1) Annex A - List of default requirements of EN 50155 and related clauses;
 - 2) Annex B - Testing approach;