

Safety of earth-moving machinery — Specification for braking systems and performance requirements and test procedures for rubber-tyred machines

The European Standard EN ISO 3450:1996 has the status of a
British Standard

ICS 53.100

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by Technical Committee B/513, Construction equipment and plant, and site safety, to Subcommittee B/513/1, Earth-moving machinery, upon which the following bodies were represented:

- British Coal Corporation
- Construction Plant (Hire Association)
- Federation of Civil Engineering Contractors
- Federation of Manufacturers of Construction Equipment and Cranes
- Health and Safety Executive
- Institution of Civil Engineers
- Silsoe Research Institute

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National foreword

This British Standard has been prepared by Subcommittee B/513/1 and is the English language version of EN ISO 3450:1996 *Earth-moving machinery — Braking systems of rubber-tyred machines — Systems and performance requirements and test procedures*, published by the European Committee for Standardization (CEN). It is identical with ISO 3450:1996 published by the International Organization for Standardization (ISO). It supersedes BS 6824:1987 which is withdrawn.

ISO 3450 was prepared by Subcommittee 2, Safety requirements and human factors, of ISO Technical Committee 127, Earth-moving machinery, with the active participation and approval of the UK.

In this standard consideration has been given to the requirements for combined service and secondary brake systems and to machinery fitted with multi-drive axles. The stopping performance tables have been restructured for clarity.

Cross-references

Publication referred to	Corresponding British Standard
ISO 6014:1986	BS 5982:1987 <i>Method for determination of ground speed of earth-moving machinery</i>
ISO 6016:1982	BS 6300:1982 <i>Methods of measuring the masses of whole machines, their equipment and components of earth-moving machinery</i>
	BS 6914 <i>Terminology (including definitions of dimensions and symbols) for earth-moving machinery</i>
ISO 7132:1990	Part 4:1990 <i>Glossary for dumpers</i>
	BS 6911 <i>Testing earth-moving machinery</i>
ISO 9248:1992	Part 7:1992 <i>Testing of earthmoving machinery. Specification for units of measurement and tolerances</i>

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 10, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

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Earth-moving machinery — Braking systems of rubber-tyred machines — Systems and performance requirements and test procedures

(ISO 3450:1996)

Engins de terrassement — Dispositifs de freinage des engins sur roues équipés de pneumatiques — Exigences relatives aux dispositifs et à leurs performances, et méthodes d'essai
(ISO 3450:1996)

Erdbaumaschinen — Bremsanlagen von gummibereiften Maschinen — Anforderungen und Prüfungen
(ISO 3450:1996)

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