

Safety of earth-moving machinery —

Part 6: Specification for falling-object protective structures on earth-moving machinery: Laboratory tests and performance requirements

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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:

- Associated Offices Technical Committee
- 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
- Institution of Highways and Transportation
- Silsoe Research Institute

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National foreword

This Part of BS 6912 has been prepared under the direction of Technical Committee B/513, Construction equipment and plant, and site safety and is identical with ISO 3449:1992 *Earth-moving machinery — Falling-object protective structures — Laboratory tests and performance requirements* published by the International Organization for Standardization (ISO). It is a revision of BS 5526:1985, which was identical with ISO 3449:1984, which is withdrawn. ISO 3449 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.

Cross-references

International standard	Corresponding British Standard
ISO 898-1:1988	BS 6104 <i>Mechanical properties of fasteners</i> Part 1:1981 <i>Specification for bolts, screws and studs</i> (Technically equivalent) BS 6104-2:1983 <i>Specification for nuts with specified proof load values</i> (Technically equivalent)
ISO 3164:1979	BS 5495:1980 <i>Specification for laboratory evaluations of roll-over and falling-object protective structures: the deflection-limiting volume for earth-moving machinery</i> (Identical) ^a
ISO 3411:1982	BS 5538:1983 <i>Specification for minimum operator space envelope for earth-moving machinery</i> (Identical)
ISO 3471/1:1986	BS 5527 <i>Roll-over protective structures on earth-moving machinery: laboratory tests and performance requirements</i> Part 1:1987 <i>Specification for crawler, wheel loaders and tractors, backhoe loaders, graders, tractor scrapers and articulated steer dumpers</i> (Identical)
ISO 6165:1987	BS 6914 <i>Terminology (including definitions of dimensions and symbols) for earth-moving machinery</i> Part 1:1988 <i>Glossary of terms for basic types of earth-moving machinery</i> (Identical)

^a ISO 3164:1992 is identical with BS 6912-7:1992 which supersedes BS 5495:198.0

The Technical Committee has reviewed the provisions of ISO 148:1983 and ISO 898-2:—¹⁾, to which normative reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

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Summary of pages

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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.

¹⁾ ISO 898-2:— is in preparation and will be a revision of ISO 898-2:1980. BS 6104-2:1983 is technically equivalent to ISO 898-2:1980.