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# Earth-moving machinery — Operator's manual

Part 1: Contents and format

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AS ISO 6750.1:2020

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Engineers Australia / Mining Electrical and Mining Mechanical Engineering Society  
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# Earth-moving machinery — Operator's manual

## Part 1: Contents and format

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## Preface

This Standard was prepared by the Standards Australia Committee ME-063, Earthmoving Equipment.

The objective of this document is to specify the contents of operator's manuals for earth-moving machinery as defined in ISO 6165, and gives guidance on how to structure such operator's manuals. It is intended to assist manufacturers of the machinery in the drafting and presentation of these manuals.

Manuals intended for use by service technicians are not within the scope of this document.

This document is identical with, and has been reproduced from, ISO 6750-1:2019, *Earth-moving machinery — Operator's manual — Part 1: Contents and format*.

As this document has been reproduced from an International Standard, a full point substitutes for a comma when referring to a decimal marker.

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The terms "normative" and "informative" are used in Standards to define the application of the appendices or annexes to which they apply. A "normative" appendix or annex is an integral part of a Standard, whereas an "informative" appendix or annex is only for information and guidance.

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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 127, *Earth-moving machinery*, Subcommittee SC 3, *Machine characteristics, electrical and electronic systems, operation and maintenance*.

This document cancels and replaces the third edition (ISO 6750:2005), which has been technically revised. The main changes compared to the previous edition are as follows:

- the required contents of the operator's manual of earthmoving machinery has been updated;
- additional information on the use of electronic media for the operator's manual is now provided.

A list of all parts in the ISO 6750 series can be found on the ISO website.

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](http://www.iso.org/members.html).

## Introduction

Operators need to have available an operator's manual giving guidance for the correct use and maintenance of the machine and its equipment and attachments. It is accordingly expected that such an operator's manual be clear and simple to understand, that it contains warnings for reasonably foreseeable hazards as well as definitions of terms, and that the units, symbols and pictorials used comply with the relevant International Standards.

This edition has been prepared such that it is aligned with the similar technical area covered by ISO 3600.

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NOTES

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# Australian Standard®

## Earth-moving machinery — Operator's manual

### Part 1: Contents and format

#### 1 Scope

This document specifies the contents of operator's manuals for earth-moving machinery as defined in ISO 6165, and gives guidance on how to structure such operator's manuals. It is intended to assist manufacturers of the machinery in the drafting and presentation of these manuals.

Manuals intended for use by service technicians are not within the scope of this document.

NOTE 1 [Annex A](#) provides basic information items to be included in the operator's manual.

NOTE 2 [Annex B](#) provides guidance on the presentation and format of hardcopy operator's manuals.

NOTE 3 [Annex C](#) provides recommendations on the electronic means of communication that can be used to convey the contents of operator's manuals.

#### 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 3864 (all parts), *Graphical symbols — Safety colours and safety signs*

ISO 6405-1, *Earth-moving machinery — Symbols for operator controls and other displays — Part 1: Common symbols*

ISO 6405-2, *Earth-moving machinery — Symbols for operator controls and other displays — Part 2: Symbols for specific machines, equipment and accessories*

ISO 6749, *Earth-moving machinery — Preservation and storage*

ISO 7010, *Graphical symbols — Safety colours and safety signs — Registered safety sign*

ISO 7130, *Earth-moving machinery — Operator training — Content and methods*

ISO 9244, *Earth-moving machinery — Machine safety labels — General principles*

ISO 12100, *Safety of machinery — General principles for design — Risk assessment and risk reduction*

ISO 17100, *Translation services — Requirements for translation services*

#### 3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 12100 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>