

AS 15817:2023



# Earth-moving machinery — Safety requirements for remote operator control systems (ISO 15817:2012, MOD)



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- Better Regulation Division (Fair Trading, SafeWork NSW, TestSafe)
- Construction and Mining Equipment Industry Group
- Department of Regional NSW
- Engineers Australia
- Forestry Corporation NSW
- Institute of Instrumentation, Control and Automation Australia
- Minerals Council of Australia
- Mining Electrical and Mining Mechanical Engineering Society
- Resources Safety & Health Queensland
- The University of Queensland
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# **Earth-moving machinery — Safety requirements for remote operator control systems (ISO 15817:2012, MOD)**

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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 essential safety requirements for remote operator control systems used on earth-moving machinery as defined in AS ISO 6165:2023. It is not applicable to autonomous control systems that enable a machine to work without the assistance of an operator, nor does it apply to the remote control of attachments on non-remote controlled machines.

This document is identical with, and has been reproduced from, ISO 15817:2012, *Earth-moving machinery — Safety requirements for remote operator control systems*. The modifications are additional requirements and are set out in [Appendix ZZ](#), which has been added at the end of the source text.

[Appendix ZZ](#) lists the modifications to ISO 15817:2012, for the application of this document in Australia.

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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

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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.

ISO 15817 was prepared by Technical Committee ISO/TC 127, *Earth-moving machinery*, Subcommittee SC 2, *Safety, ergonomics and general requirements*.

This second edition cancels and replaces the first edition (ISO 15817:2005), which has been technically revised.