

Australian Standard[®]

**Earth-moving machinery — Quickhitches
for excavators and backhoe loaders**

STANDARDS
Australia



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 - Australian Industry Group
 - Construction and Mining Equipment Industry Group
 - Department of Mines and Energy, Qld
 - Department of Primary Industries and Fisheries, Qld
 - Department of Primary Industries, Mine Safety, NSW
 - Motor Trades Association of Australia
 - Safety Institute of Australia
 - WorkCover New South Wales
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PREFACE

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

The objective of this Standard is to provide all those involved in the earth-moving industry with requirements on the design and use of quickhitches to mount attachments onto excavator and rear arms of backhoe loaders.

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STANDARDS AUSTRALIA

Australian Standard

Earth-moving machinery—Quickhitches for excavators and backhoe loaders

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard specifies requirements for quickhitches used to mount attachments onto excavators and the rear arm of a backhoe loader.

1.2 APPLICATION

All quickhitches covered by this Standard are applicable to excavators and the rear arm of a backhoe loader.

1.3 REFERENCED DOCUMENTS

The documents below are referred to in this Standard.

AS

2549 Cranes (including hoists and winches)—Glossary of terms

AS/NZS

4360 Risk management

1.4 DEFINITIONS

For the purpose of this Standard, the definitions given in AS 2549 and those below apply.

1.4.1 Backhoe arm

The final component at the rear of the backhoe loader to which the quickhitch is attached.

1.4.2 Competent person

A person who has acquired through training, qualification or experience, or a combination of them, the knowledge and skills to carry out the required task.

1.4.3 Excavator arm

The final component of the excavator to which the quickhitch is attached.

1.4.4 Primary retention system

A system used to connect/disconnect attachments to the quickhitch.

1.4.5 Quickhitch

A device fitted to an excavator arm or a backhoe arm for the purpose of rapidly mounting/dismounting attachments.

1.4.6 Rated lift point capacity

The maximum load the quickhitch has been designed to lift.