

Australian/New Zealand Standard™

**Safety of machinery**

**Part 3614: Conveyors—Mobile and transportable conveyors**



## **AS/NZS 4024.3614:2015**

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee SF-041, Safety of Machinery. It was approved on behalf of the Council of Standards Australia on 10 August 2015 and on behalf of the Council of Standards New Zealand on 2 July 2015.

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The following are represented on Committee SF-041:

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Australian Manufacturing Workers Union  
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Engineers Australia  
Human Factors and Ergonomics Society of Australia  
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Originally in Australia in part as AS C215—1971.  
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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee SF-041, Safety of Machinery, to supersede (in part) AS 1755—2000, *Conveyors—Safety requirements*.

The objective of this Standard is to provide guidance and clarity in applying the principles articulated in the AS 4024.1 series of Standards to mobile conveyors and to protect workers and other persons against harm to their health, safety and welfare through the elimination or minimisation of lifecycle risks associated with conveyor systems.

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## STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

**Australian/New Zealand Standard**  
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Part 3614: Conveyors—Mobile and transportable conveyors

SECTION 1 SCOPE AND GENERAL

**1.1 SCOPE**

This Standard sets out minimum lifecycle safety requirements for mobile and transportable conveyors, which are in addition to the general requirements of AS/NZS 4024.3610 and supplement the particular requirements of AS/NZS 4024.3611 or AS/NZS 4024.3612, as applicable.

The requirements of this Standard apply to mobile and transportable conveyors and are intended to be used by all persons conducting a business or undertaking in relation to such conveyors and include designers, manufacturers, suppliers, installers, users and owners of conveyors or conveyor systems.

This Standard covers lifecycle design. See AS 4234.1 for requirements on steel structures and the load assumptions that apply.

**1.2 APPLICATION**

This Standard specifies additional requirements for mobile and transportable conveyors that supplement and shall be applied in conjunction with the general requirements of AS/NZS 4024.3610 and the particular requirements of AS/NZS 4024.3611 or AS/NZS 4024.3612, as applicable. Where this Standard and AS/NZS 4024.3610, AS/NZS 4024.3611 and AS/NZS 4024.3612 cover the same scope, this Standard shall take precedence.

This Standard is complementary to AS 4324.1 for bulk materials handling applications. For unit handling applications, this Standard is solely applicable.

**1.3 REFERENCED DOCUMENTS**

The following documents are referred to in this Standard:

AS	
1121	Agricultural tractor power take-offs (series)
1418	Cranes, hoists and winches
1418.1	Part 1: General requirements
1418.2	Part 2: Serial hoists and winches
2759	Steel wire rope—Use, operation and maintenance
3569	Steel wire ropes—Product specification
4324	Mobile equipment for continuous handling of bulk materials
4324.1	Part 1: General requirements for the design of steel structures