AS/NZS 4024.1302:2014
EN 626-1:1994+A1:2008

Australian/New Zealand Standard™

Safety of machinery

Part 1302: Risk assessment—Reduction of risks to health from hazardous substances emitted by machinery—Principles and specifications for machinery manufacturers

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Australian Manufacturing Workers Union
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Department of the Premier and Cabinet, SA
Engineers Australia
Federal Chamber of Automotive Industries
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Safety of machinery

Part 1302: Risk assessment—Reduction of risks to health from hazardous substances emitted by machinery—Principles and specifications for machinery manufacturers

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee SF-041, General Principles for the Guarding of Machinery, to supersede AS 4024.1302—2006.

It is emphasized that this Standard is part of the AS(/NZS) 4024.1 series and it is imperative that it is used in conjunction with other applicable parts of the series. A complete listing of all current parts of the AS(/NZS) 4024.1 series can be found at the Standards Australia website <www.standards.org.au> and in AS/NZS 4024.1100, *Safety of machinery*, Part 1100: *Application Guide*.

The objective of this Standard is to give principles for the control of risks to health due to hazardous substances emitted by machinery. It is not applicable to substances which are a hazard to health solely because of explosive, flammable, high or low temperature, high or low pressure, or radioactive properties.

This Standard is identical with, and has been reproduced from EN 626-1:1994, *Safety of machinery—Reduction of risks to health from hazardous substances emitted by machinery*, Part 1: *Principles and specifications for machinery manufacturers*, and its Amendment 1 (2008). The start and finish of text introduced or altered by amendment is indicated in the text by tags ▌A1〉 〈A1▐.

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(a) In the source text ‘this European Standard’ should read ‘this Australian/New Zealand Standard’.

(b) A full point substitutes for a comma when referring to a decimal marker.

The term ‘informative’ has been used in this Standard to define the application of the annex to which it applies. An ‘informative’ annex is only for information and guidance.

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AUSTRALIAN/NEW ZEALAND STANDARD

Safety of machinery

Part 1302:
Risk assessment—Reduction of risks to health from hazardous substances emitted by machinery—Principles and specifications for machinery manufacturers

Introduction

This standard has been produced to assist designers, manufacturers and other interested bodies to interpret the essential safety requirements in order to achieve conformity with European Legislation on machinery safety.

This is one of a programme of standards produced by CEN/CENELEC under mandates from CEC and EFTA. This programme has been divided into several categories to avoid duplication and to develop a logic which will enable rapid production of standards and easy cross reference between them.

The hierarchy of standards is as follows:

a) **Type A standards** (generic safety standards) giving basic concepts, principles for design, and general aspects that can be applied to all machinery;

b) **Type B standards** (group safety standards) dealing with one safety aspect or one type of safety related device that can be used across a wide range of machinery:

   — Type B1 standards on particular safety aspects (e.g. safety distances, surface temperature, noise, etc.);

   — Type B2 standards are safety related devices (e.g. two hand controls, interlocking devices, pressure sensitive devices etc.);

c) **Type C standards** (machine safety standards) giving detailed safety requirements for a particular machine or group of machines defined in the scope of the standard.

This is a type B1 standard and its primary purpose is to give guidance to the writers of type C standards when machines are identified as having hazardous substances as a significant risk. This standard may also be used as guidance in controlling the risk where there is no type C standard for a particular machine.

1 Scope

This European Standard deals with principles for the control of risks to health due to hazardous substances from machinery. This European Standard is not applicable to hazardous substances which are a hazard to health solely because of explosive, flammable, high or low temperature, high or low pressure or radioactive properties.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 292-1, *Safety of machinery, basic concepts, general principles for design — Part 1: Basic terminology, methodology.*

EN 292-2, *Safety of machinery, basic concepts, general principles for design — Part 2: Technical principles and specifications.*

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