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AS/NZS 4024.2602:2020

Australian/New Zealand Standard™

Safety of machinery

Part 2602: Requirements for cableless control systems of machinery (IEC 62745 (ED.1.0) MOD)

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The following are represented on Committee SF-041:

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Preface

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee SF-41, Safety of Machinery.

The objective of this Standard is to specify requirements for the functionality and interfacing of cableless (for example, radio, infrared) control systems that provide communication between operator control station(s) and the control system of a machine. Specific requirements are included for such operator control stations that are portable by the operator.

This Standard does not deal with cableless communication between parts of a machine(s) that are not operator control stations.

This Standard is not intended to specify all of the requirements that are necessary for the design and construction of a cableless control system.

This Standard is an adoption with national modifications, and has been reproduced from, IEC 62745:2017, *Safety of machinery — Requirements for cableless control systems of machinery*. 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 variations to IEC 62745:2017 for the application of this Standard in Australia and New Zealand.

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

Australian or Australian/New Zealand Standards that are identical adoptions of international normative references may be used interchangeably. Refer to the online catalogue for information on specific Standards.

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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