

AS/NZS 2430.3.2:1997
(Incorporating Amendment Nos 1, 2 and 3)

AS/NZS 2430.3.2

Australian/New Zealand Standard™

Classification of hazardous areas

Part 3.2: Examples of area classification—Vehicle workshops, vehicle parking, fuel dispensing stations and aircraft hangars

AS/NZS 2430.3.2:1997

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee MS-011, Classification of Hazardous Areas. It was approved on behalf of the Council of Standards Australia on 29 October 1997 and on behalf of the Council of Standards New Zealand on 24 October 1997. It was published on 5 December 1997.

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We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Please address your comments to the Chief Executive of either Standards Australia International or Standards New Zealand at the address shown on the back cover.

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee MS-011, Classification of Hazardous Areas, to supersede, in part, AS 2430.3—1991, *Classification of hazardous areas, Part 3: Specific occupancies* and, in part, NZS 6101:3:1991, *Classification of hazardous areas, Part 3: Specific occupancies (flammable gas and vapour atmospheres)*.

This Standard incorporates Amendment No. 1 (July 1999), Amendment No. 2 (February 2000) and Amendment No. 3 (December 2002). The changes required by the Amendments are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

The objective of the AS/NZS 2430.3 series of Standards is to provide guidance to the industries and statutory authorities concerned with the classification of hazardous areas.

Major changes to the 1991 editions include—

- (a) a change in title to ‘Examples of area classification’ to reflect the true intent of this series of Standards;
- (b) a new format, consisting of nine parts, each covering different and specific industries; and
- (c) coverage of new areas such as—
 - (i) pollution control equipment for vehicle service stations;
 - (ii) ammonia systems;
 - (iii) paint manufacturing processes; and
 - (iv) compressed natural gas dispensing.

This new series of Standards details examples of area classification of commonly occurring situations, based on the principles of both AS 2430.1, *Classification of hazardous areas, Part 1: Explosive gas atmospheres*, and NZS 6101:1, *Classification of hazardous areas, Part 1: Flammable gas and vapour atmospheres*.

The series is as follows:

AS

2430 Classification of hazardous areas

AS/NZS

2430.3.1 Part 3.1: Examples of area classification—General

2430.3.2 Part 3.2: Examples of area classification—Vehicle workshops, vehicle parking, fuel dispensing stations and aircraft hangars (this Part)

2430.3.3 Part 3.3: Examples of area classification—Flammable liquids

2430.3.4 Part 3.4: Examples of area classification—Flammable gases

2430.3.5 Part 3.5: Examples of area classification—Refineries and major installations

2430.3.6 Part 3.6: Examples of area classification—Laboratories including fume cupboards and flammable medical agents

2430.3.7 Part 3.7: Examples of area classification—Landfill gas, sewage treatment and sewage pumping plants

2430.3.8 Part 3.8: Examples of area classification—Surface coatings and adhesives

2430.3.9 Part 3.9: Examples of area classification—Miscellaneous

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