

AS 2430.3—1991

Australian Standard[®]

Classification of hazardous areas

Part 3: Specific occupancies

The Australian Standard was prepared by Committee MS/11, Classification of Hazardous Areas. It was approved on behalf of the Council of Standards Australia on 25 March 1991 and published on 10 June 1991.

The following interests are represented on Committee MS/11:

Australian Chamber of Manufactures
Australian Electrical and Electronic Manufacturers Association
Australian Gas Association
Australian Institute of Petroleum
Australian Liquefied Petroleum Gas Association
Confederation of Australian Industry
Department of Labour, Vic.
Department of Resources Industries, Qld
Department of Resources and Energy, Tas.
Grain Corporation of New South Wales
The Pipeline Authority
Regulatory authorities (electrical)
Royal Australian Chemical Institute
The Workcover Authority of New South Wales

Additional interests participating in preparation of Standard:

Engineering and Water Supply Department, S.A.
Sydney Water Board

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PREFACE

This Standard was prepared by the Standards Australia Committee on Classification of Hazardous Areas to supersede AS 2430.3—1987.

This Standard is intended for the guidance of industry and statutory authorities concerned with the classification of hazardous areas.

The major changes in this edition are as follows:

- (a) Amendments made to the delineation of vehicle parking areas.
- (b) Amendments made to the delineation of aircraft hangars.
- (c) Amendments made to the delineation of petrol and LP gas dispensers.
- (d) Previous section on flammable liquids and gases has been restructured to cover major refineries and chemical plants; flammable liquids, heavier-than-air flammable gases and lighter-than-air flammable gases.
- (e) Amendments made to the classifications for heavier-than-air flammable gases.
- (f) A new section on installations complying with the relevant gas industry codes has been introduced.
- (g) Amendments made to the delineation of anaesthetizing areas and fruit ripening rooms.
- (h) Amendments to the classification and delineation of sewage treatment plants and sewage pumping stations.

It is intended that this Standard be extended to include specific occupancies not already covered. Users of this Standard who have developed area classifications for their installations which they feel may have a general application are invited to forward such classifications for consideration by Standards Australia for inclusion in a future edition.

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