

Australian Standard[®]

**Petroleum products—Pipeline, road
tanker compartment and underground
tank identification**



This Australian Standard® was prepared by Committee ME-017, Flammable and Combustible Liquids. It was approved on behalf of the Council of Standards Australia on 13 February 2008.

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- Agsafe
 - Australasian Fire Authorities Council
 - Australian Chamber of Commerce and Industry
 - Australian Industry Group
 - Australian Institute of Petroleum
 - Australian Paint Manufacturers Federation
 - Department of the Premier and Cabinet, SA
 - Department of Consumer and Employment Protection, WA
 - Department of Defence
 - Department of Emergency Services, Qld
 - Department of Justice, Tas.
 - Fire Protection Association of Australia
 - Insurance Council of Australia
 - Plastics and Chemicals Industries Association
 - Victorian WorkCover Authority
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PREFACE

This Standard was prepared by Standards Australia Committee ME-017, Flammable and Combustible Liquids, to provide requirements and recommendations for the identification of pipelines, road tanker compartments and underground tanks in the petroleum industry. It is based on AIP CP 5, *Code of practice for pipeline, road tanker compartment and underground tank identification*, which has been withdrawn by the Australian Institute of Petroleum (AIP).

This Standard is intended to reduce the risk of accident or damage in the operation of pipeline systems, road tankers and underground storage by providing a uniform colour identification system for use by the petroleum industry in Australia. It is not intended to replace any statutory regulations in any area, which take precedence over the requirements of this Standard. The relevant regulatory authority having jurisdiction may determine the extent of application of this Standard.

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STANDARDS AUSTRALIA**Australian Standard****Petroleum products—Pipeline, road tanker compartment and underground tank identification****SECTION 1 SCOPE AND GENERAL****1.1 SCOPE**

This Standard sets out requirements for the identification of pipelines, road tanker compartments and underground tanks in the petroleum industry. It is intended to standardize the colours and coloured markers used for the identification of specific petroleum products and other liquids and gases in general use in oil installations and other locations where such products are stored and handled.

Colour references are given in Section 5.

1.2 APPLICATION

This Standard applies to the painting and identification of pipelines in terms of products being carried or stored, as well as indicating the normal direction of flow where relevant. It is not intended to replace AS 1345 but should be used in conjunction with it, particularly where above-ground pipelines traverse public property, reserves or easements outside the pipeline owner's property.

This Standard does not cover the surface preparation of pipelines or the method of application and quality of surface coatings. It only deals with the finished colours and correct identification of pipelines, road tanker compartments and underground tanks.

Variation from nominated colours is not recommended, but any alternative name of any products may be elected by the user. Consistency of both product name and colour within a plant or property boundary is essential for safety and product integrity.

NOTE: Markers specified for aviation fuels are in accordance with Civil Aviation Authority regulations. Colours for fire fighting facilities are consistent with those recommended by relevant statutory authorities.

1.3 REFERENCED DOCUMENTS

A list of documents referred to in this Standard is provided below.

AS

1345 Identification of the contents of piping, conduits and ducts

1744 Standard alphabets for road signs

2700 Colour standards for general purposes

Pantone Press Inc

Pantone Matching System

1.4 DEFINITION

For the purpose of this Standard, the following definition applies.