

AS 2661—1983

Australian Standard[®]

**VAPOUR DEGREASING PLANT—
DESIGN, INSTALLATION AND
OPERATION—SAFETY
REQUIREMENTS**

This Australian standard was prepared by Committee SF/24, Safety Code for Degreasing Plant. It was approved on behalf of the Council of the Standards Association of Australia on 18 August 1983 and published on 7 October 1983.

The following interests are represented on Committee SF/24:

Australian Chemical Industry Council
Australian Chemical Specialities Manufacturers Association
Australian and New Zealand Society of Occupational Medicine
Commonwealth Institute of Health
Confederation of Australian Industry
Department of Defence
Department of Industrial Relations, N.S.W.
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PREFACE

This standard was prepared by the Association's Committee on Safety for Degreasing Plant at the request of the Safety Standards Board, in an endeavour to establish safety requirements for the safe use of vapour degreasing plant.

The standard sets out the safety measures to be implemented by suppliers and manufacturers of vapour degreasing plant and prescribes requirements that ensure the safety and health of personnel engaged in the operation of such plant. It includes appendices that set out a recommended method for the cleaning of degreasing plant, first aid procedures and the description of properties of solvents used in vapour degreasing processes.

Persons who work with organic solvents may be exposed to hazards of airborne contamination, e.g. toxicity, and to other hazards such as oxygen starvation, decomposition products, liquid splashing and others. Protective measures should therefore be adopted by operators to avoid exposure by ingestion, by skin absorption or by inhalation of vapours or liquids at a concentration greater than those provided for in hygiene standards for atmospheric contaminants.

The standard covers the following categories of vapour degreasing plant using organic solvents:

- (a) Vapour degreasing.
- (b) Vapour degreasing with ultrasonic agitation.

The requirements set out in the standard may be considered for incorporation in statutory regulations.

This standard does not cover surface treatment processes or aqueous or alkaline degreasing and cleaning operations.

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