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AS 1375-1985 Industrial fuel-fired appliances (known as the SAA Industrial Fuel-fired Appliances Code)

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Abbreviation

AS 1375-1985

Valid from

04/04/1985

Information provider

SAI Global

Author

Standards Australia

Information type

Australian Standard

Format

PDF, Hard copy

Cited By

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Description

The Standard gives principles for the design, construction and operation of industrial appliances that are heated by the combustion of a fuel, i.e. ovens, furnaces, boilers, dryers and the like. It deals with the safety of the fuel combustion process, and with safety in relation to combustible vapours, dusts, etc. that may occur or be generated within an appliance. Methods of calculating critical appliance characteristics, explosion relief areas, and air dilution volumes are given.

Scope

This standard sets out the safety principles relating to the design, installation, and operation of industrial appliances that involve the combustion of gas or oil, or other fuel in air suspension, or the generation of combustible vapours in such appliances.

Note: Although the rules for combustion safety given in this standard are applicable in principle to very high energy release appliances such as large land boilers for electricity generation and for solid fuel and pulverized coal firing, it should be recognized that appliances of such a size present unique problems, often requiring comparatively sophisticated control systems. Each such case should be studied individually and its safety evaluated in relation to its own particular conditions.

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- [AS 1691-1985](#)

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- [NZS 5262:2003](#)

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