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AS 1627.4-2005 (R2017) Metal finishing - Preparation and pretreatment of surfaces - Abrasive blast cleaning of steel

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Abbreviation

AS 1627.4-2005

Valid from

23/12/2005

Information provider

SAI Global

Author

Standards Australia

Information type

Australian Standard

Format

PDF, Hard copy

Cited By

[This resource is cited by 2 documents \(show Citations\)](#)

Description

This standard specifies abrasive blast cleaning methods for the preparation of steel surfaces before coating with paints and related products.

Scope

This Standard also contains information on the effectiveness of the individual methods and their fields of application.

This standard is applicable to new and corroded steel surfaces and also to steel surfaces that are uncoated or have been previously coated with paints and related products.

These methods are essentially intended for the surface preparation of hot-rolled steel but could also be used for cold-rolled steel of sufficient thickness to withstand the deformation caused by the impact of abrasive. Items considered as a part of surface preparation before coating are edge grinding, removal of grease and oil, removal of weld spatter, removal of burrs and other sharp edges, grinding of welds, filling of pits, porosity of welds and other surface imperfections and removal of water-soluble contaminants that may cause premature failure of the coating system. Such defects cannot be satisfactorily treated by abrasive blast cleaning.

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This resource is cited by:

AS 1627.4-2005 (R2017) Metal finishing - Preparation and pretreatment of surfaces - Abrasive blast cleaning of steel

This document is CITED BY:

- [AS/NZS 5131:2016](#)

AS 1627.4-2005 is cited by AS/NZS 5131:2016 Structural steelwork - Fabrication and erection

- [SNZ TS 3404:2018](#)

AS 1627.4-2005 is cited by SNZ TS 3404:2018 Durability requirements for steel structures and components

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