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BS 449-2:1969 Specification For The Use Of Structural Steel In Building - Part 2: Metric Units

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Abbreviation

BS 449-2:1969

Valid from

31/10/1969

Information provider

British Standards Institution

Author

British Standards Institution

Information type

British Standard

Format

PDF

Cited By

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Description

This British Standard relates primarily to the use in building of hot rolled steel sections and plates, and normalized tubular shapes. It has been prepared in accordance with the change to the metric system in the construction industry, giving values in terms of SI units.

Scope

This standard stipulates limits of stress and gives rules for design with the twofold purpose of ensuring normal safety and economy in the use of structural steel. While the stresses and other requirements are to be regarded as limiting values, the purpose in design should be to reach these limits in as many parts of the structure as possible and to adopt a layout such that maximum structural efficiency is attained for a minimum use of steel.

The use in building of cold formed sections in light gauge plate, sheet and strip steel of 6 mm thick and less, is dealt with in Addendum number 1 to this standard.

The provisions of this standard are not deemed to apply to transmission towers and farm buildings; nor to structures which are designed on an experimental basis.

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- [BS 5395:2:1984](#)

BS 449-2:1969 is cited by BS 5395-2:1984 Stairs, ladders and walkways Code of practice for the design of helical and spiral stairs

- [BS 8004:1986](#)

BS 449-2:1969 is cited by BS 8004:1986 Code of practice for foundations

- [BS 7777-2:1993](#)

BS 449-2:1969 is cited by BS 7777-2:1993 Flat-bottomed, vertical, cylindrical storage tanks for low temperature service. Specification for the design and construction of single, double and full containment metal tanks for the storage of liquefied gas at temperatures down to -165

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