

SINGAPORE STANDARD

Specification for metal scaffoldings

– Part 2 : Modular scaffoldings

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– Part 2 : Modular scaffoldings

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Housing & Development Board
Ministry of Manpower
Nanyang Technological University
Presco Scaffolding & Services Pte Ltd
Richee Engineering Enterprise Pte Ltd
Shell Eastern Petroleum Private Limited
Singapore Contractors Association Ltd
STL Consultants
TÜV SÜD PSB Pte Ltd

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Foreword

This Singapore Standard was prepared by the Technical Committee on Construction Management under the purview of the Building and Construction Standards Committee.

As a result of the revision of SS 280 : 1984 – ‘Specification for frame scaffoldings’, the following two parts were developed:

Part 1 : Frame scaffoldings

Part 2 : Modular scaffoldings

In preparing this standard, reference was made to:

1. EN 12810 Façade scaffolds made of prefabricated components
Part 1: 2003 Products specifications
2. EN 12811 Temporary works equipment
Part 1 : 2003 – Scaffoldings – Performance requirements and general design
Part 2 : 2004 – Information on materials
3. SS 280 Metal scaffoldings
Part 1 : 2006 Frame scaffoldings

Acknowledgement is made for the use of information from the above EN standards.

Attention is drawn to the possibility that some of the elements of this Singapore Standard may be the subject of patent rights. Enterprise Singapore shall not be held responsible for identifying any or all of such patent rights.

NOTE

1. *Singapore Standards (SSs) and Technical References (TRs) are reviewed periodically to keep abreast of technical changes, technological developments and industry practices. The changes are documented through the issue of either amendments or revisions.*
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Specification for metal scaffoldings, Part 2 : Modular scaffoldings

1 Scope

This Singapore Standard specifies the minimum requirements for steel modular scaffolding for use as temporary structures on which persons work and which provide support for the materials used. It is applicable to construction, maintenance, repair and demolition work, ship building and repair, petrochemical and other industries.

2 Normative references

The following referenced standards are indispensable for the application of this standard. For dated references, only the edition cited applies. For undated references, the latest edition (including any amendments) applies.

BS EN 10219	Cold formed welded structural hollow sections of non-alloy and fine grain steels. Part 2 : 2006 Tolerances, dimensions and sectional properties
ISO 1461	Hot dip galvanized coatings on fabricated iron and steel articles – Specifications
ISO 2409	Paints and varnishes – Cross-cut test
SS 5:	Methods of test for paints, varnishes and related materials Part G1– Determination of resistance to continuous natural salt spray Part H3 – Designation of degree of rusting
SS 311	Steel tubes and fittings used in tubular scaffolding