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Petroleum and natural gas industries — Fixed steel offshore structures

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Preface

This Standard was prepared by the Standards Australia Committee ME-092, Materials, equipment, structures and related services for petroleum, petrochemical and natural gas industries.

The objective of this document is to specify requirements and provides recommendations applicable to the following types of fixed steel offshore structures for the petroleum and natural gas industries:

- (a) Caissons, free-standing and braced.
- (b) Jackets.
- (c) Monotowers.
- (d) Towers.

In addition, it is applicable to compliant bottom founded structures, steel gravity structures, jack-ups, other bottom founded structures and other structures related to offshore structures (such as underwater oil storage tanks, bridges and connecting structures).

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Specific requirements for the design of fixed steel offshore structures in arctic environments are presented in ISO 19906. Requirements for topsides structures are presented in ISO 19901-3; for marine operations in, ISO 19901-6; for structural integrity management, in ISO 19901-9, and for the site-specific assessment of jack-ups, in ISO 19905-1.

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