

Industrias del petróleo y del gas natural. Requisitos específicos para estructuras marítimas. Parte 5: Control del peso (ISO 19901-5:2021) (Ratificada por la Asociación Española de Normalización en enero de 2022.)

UNE-EN ISO 19901-5:2021

Industrias del petróleo y del gas natural. Requisitos específicos para estructuras marítimas. Parte 5: Control del peso (ISO 19901-5:2021) (Ratificada por la Asociación Española de Normalización en enero de 2022.)

Petroleum and natural gas industries - Specific requirements for offshore structures - Part 5: Weight management (ISO 19901-5:2021) (Endorsed by Asociación Española de Normalización in January of 2022.)

Industries du pétrole et du gaz naturel - Exigences spécifiques relatives aux structures en mer - Partie 5: Gestion des poids (ISO 19901-5:2021) (Entérinée par l'Asociación Española de Normalización en janvier 2022.)

En cumplimiento del punto 11.2.5.4 de las Reglas Internas de CEN/CENELEC Parte 2, se ha otorgado el rango de documento normativo español UNE al documento normativo europeo EN ISO 19901-5:2021 (Fecha de disponibilidad 2021-12-01)

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EUROPEAN STANDARD

EN ISO 19901-5

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2021

ICS 75.180.10

Supersedes EN ISO 19901-5:2016

English Version

**Petroleum and natural gas industries - Specific
requirements for offshore structures - Part 5: Weight
management (ISO 19901-5:2021)**

Industries du pétrole et du gaz naturel - Exigences
spécifiques relatives aux structures en mer - Partie 5:
Gestion des poids (ISO 19901-5:2021)

Erdöl- und Erdgasindustrie - Besondere
Anforderungen an Offshore-Bauwerke - Teil 5:
Gewichtskontrolle (ISO 19901-5:2021)

This European Standard was approved by CEN on 11 September 2021.

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European foreword

This document (EN ISO 19901-5:2021) has been prepared by Technical Committee ISO/TC 67 "Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries" in collaboration with Technical Committee CEN/TC 12 "Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries" the secretariat of which is held by NEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2022, and conflicting national standards shall be withdrawn at the latest by June 2022.

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This document supersedes EN ISO 19901-5:2016.

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Endorsement notice

The text of ISO 19901-5:2021 has been approved by CEN as EN ISO 19901-5:2021 without any modification.

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 67, *Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries*, Subcommittee SC 7, *Offshore structures*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 12, *Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 19901-5:2016), which has been technically revised.

The main changes are as follows:

- part title changed to "Weight Management";
- document restructured and columnization removed;
- weight control classes removed;
- requirements for weight management for all project phases implemented;
- annexes deleted or relocated to body of document:
 - previous Annex A "Weight data sheets – tagged equipment" combined with previous Annex B "Weighing certificates" to create new joined into a new [Annex B](#) "Weighing certificates";
 - previous Annex C "Weight and load budget (WLB) formats and levels" replaced with new [Annex C](#) "Control weights";
 - deleted previous Annex D "Major elements of the weight displacement";
 - information in previous Annex E "Supplier weighing procedure" relocated to [Clause 8](#);
 - deleted previous Annex F "Guidelines for displacement measurement of floating facilities";