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Petroleum and natural gas industries - Characteristics of LNG, influencing the design, and material selection (ISO 16903:2015)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 10/15

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English Version

Petroleum and natural gas industries - Characteristics of LNG, influencing the design, and material selection (ISO 16903:2015)

Pétrole et industries du gaz naturel - Caractéristiques du GNL influant sur la conception et le choix des matériaux (ISO 16903:2015)

Erdöl- und Erdgasindustrie - Eigenschaften von Flüssigerdgas mit Einfluss auf die Auslegung und die Materialauswahl (ISO 16903:2015)

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European foreword

This document (EN ISO 16903:2015) 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 282 "Installation and equipment for LNG" the secretariat of which is held by AFNOR.

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**Petroleum and natural gas industries —
Characteristics of LNG, influencing the
design, and material selection**

*Pétrole et industries du gaz naturel — Caractéristiques du GNL
influant sur la conception et le choix des matériaux*





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Foreword

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The committee responsible for this document is ISO/TC 67, *Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries*.

Petroleum and natural gas industries — Characteristics of LNG, influencing the design, and material selection

1 Scope

This International Standard gives guidance on the characteristics of liquefied natural gas (LNG) and the cryogenic materials used in the LNG industry. It also gives guidance on health and safety matters. It is intended to act as a reference document for the implementation of other standards in the liquefied natural gas field. It is intended as a reference for use by persons who design or operate LNG facilities.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies

EN 1473, *Installation and equipment for liquefied natural gas — Design of onshore installations*

NFPA 59A, *Standard for the production, storage, and handling of liquefied natural gas (LNG)*

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