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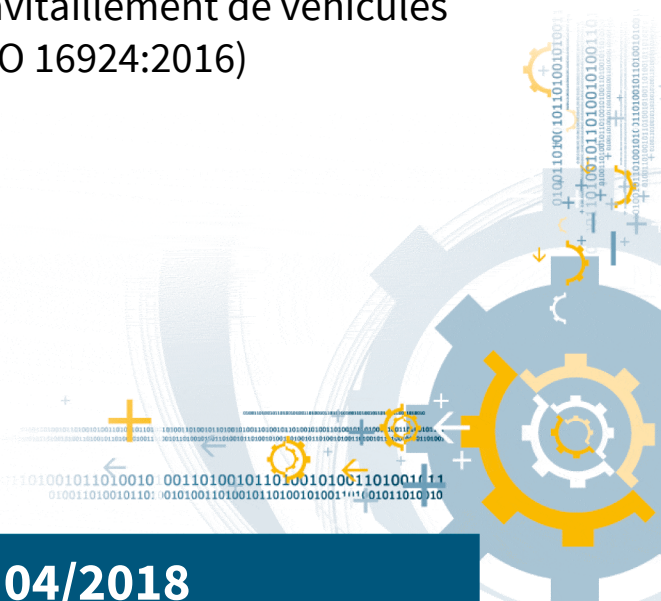
ILNAS-EN ISO 16924:2018

Natural gas fuelling stations - LNG stations for fuelling vehicles (ISO 16924:2016)

Erdgastankstellen - Tankstellen für
verflüssigtes Erdgas (LNG) zur Betankung
von Fahrzeugen (ISO 16924:2016)

Stations-service de gaz naturel - Stations
GNL pour le ravitaillement de véhicules
(ISO 16924:2016)

04/2018



National Foreword

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ILNAS-EN ISO 16924:2018

EUROPEAN STANDARD **EN ISO 16924**

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**Natural gas fuelling stations - LNG stations for fuelling
vehicles (ISO 16924:2016)**

Stations-service de gaz naturel - Stations GNL pour le
ravitaillement de véhicules (ISO 16924:2016)

Erdgastankstellen - Tankstellen für verflüssigtes
Erdgas (LNG) zur Betankung von Fahrzeugen (ISO
16924:2016)

This European Standard was approved by CEN on 26 January 2018.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

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European foreword

The text of ISO 16924:2016 has been prepared by ISO/TMBG “Technical Management Board - groups” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 16924:2018 by Technical Committee CEN/TC 326 “Natural Gas Vehicles - Fuelling and Operation” 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of an identical text or by endorsement, at the latest by October 2018, and conflicting national standards shall be withdrawn at the latest by October 2018.

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

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

This document has been prepared under the standardization request M/533 given to CEN by the European Commission and the European Free Trade Association in the framework of Directive 2014/94/EU on the deployment of alternative fuels infrastructure.

The standardization request M/533 focuses on interoperability aspects of the alternative fuels infrastructure, which for LNG fuelling stations are covered in this document by the following items:

- Fuelling pressure (service pressure): This document requires that the pressure of LNG at the nozzle is lower than the maximum allowable working pressure of the vehicle tank.
- Connector profile: The harmonized connector profile is described in EN ISO 12617:2017, that specifies LNG refuelling nozzles and receptacles constructed entirely of new and unused parts and materials for road vehicles powered by LNG, and which is referenced in this document.

In addition to interoperability aspects, the following aspects are relevant for applying this document in Europe:

- Fuel quality: The quality of LNG for use as automotive fuel is covered in EN 16723-2:2017, that specifies the requirements and test methods for natural gas, biomethane and blends of both.
- Fuel labelling: The fuel label for LNG at dispensers is covered by EN 16942:2016, that lays down harmonized identifiers for marketed liquid and gaseous fuels, and which has also been developed to support Directive 2014/94/EU.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 16924:2016 has been approved by CEN as EN ISO 16924:2018 without any modification.

First edition
2016-12-01

Natural gas fuelling stations — LNG stations for fuelling vehicles

*Stations-service de gaz naturel — Stations GNL pour le ravitaillement
de véhicules*



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