



**International  
Standard**

**ISO 16924**

**Natural gas fuelling stations —  
Liquefied natural gas (LNG) stations  
for fuelling road vehicles**

*Stations-service de gaz naturel — Stations de gaz naturel liquéfié  
(GNL) pour le ravitaillement de véhicules routiers*

**Second edition  
2026-01**

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Published in Switzerland

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## Foreword

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This document was prepared by Technical Committee ISO/TC 340, *Natural gas fuelling stations*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 326, *Natural gas vehicles – Fuelling and operation*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 16924:2016), which has been technically revised.

The main changes are as follows:

- revision of content based on operating experience and accident review, e.g. limited use of detachable joints, use of fire-safe gaskets, use of gas detectors in critical areas;
- addition of requirements for the interface between the liquified natural gas (LNG) road tanker and LNG fuelling station with reference to EN 17922 (LNG unloading stop system);
- addition of requirements for multi-fuel stations with reference to CEN-CENELEC GUIDE 38;
- addition of requirements to prohibit venting to the atmosphere;
- revision of [Figures A.1](#) and [A.2](#);
- deletion of Figure A.3;
- deletion of [Annex K](#);
- addition of [Annex L](#).

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