



BSI Standards Publication

Road vehicles — Liquefied natural gas (LNG) fuel systems

Part 1: Safety requirements

National foreword

This British Standard is the UK implementation of ISO 19723-1:2018+A1:2021. It supersedes [BS ISO 19723-1:2018](#), which is withdrawn.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to ISO text carry the number of the ISO amendment. For example, text altered by ISO amendment 1 is indicated by A1 A1.

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**Road vehicles — Liquefied natural gas
(LNG) fuel systems —**

**Part 1:
Safety requirements**

*Véhicules routiers — Systèmes à carburant gaz naturel
liquéfié (GNL) —*

Partie 1: Exigences de sécurité



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Foreword

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This document was prepared by ISO/TC 22, *Road vehicles*, Subcommittee SC 41, *Specific aspects for gaseous fuels*.

A list of all the parts in the ISO 19723 series, can be found on the ISO website.

Introduction

For the purposes of this document, all fuel system components in contact with liquid natural gas have been considered suitable for natural gas as defined in the [ISO 15403](#) series.

When applying this document, it is understood that a safety device to prevent overfilling the vehicle's fuel system is part of the refueling station. The pressure gauge has not been considered as a safety component.

When necessary, technical solutions regarding functional requirements are given in [Annex A](#).

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