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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

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**Installation Specification for Gas System of Gas
Vehicles**
燃气汽车燃气系统安装规范

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Installation Specification for Gas System of Gas Vehicles

1 Scope

This document specifies the installation requirements, test methods, and inspection rules for the gas system of gas vehicles, as well as the transitional period for implementation.

This document is applicable to the gas vehicles fueled with compressed natural gas (hereinafter referred to as “CNG”) or liquefied natural gas (hereinafter referred to as “LNG”) or liquefied petroleum gas (hereinafter referred to as “LPG”).

2 Normative References

The following documents contain provisions which, through reference in this text, constitute essential provisions of this document. For dated references, only the editions cited apply. For undated references, the latest editions of the normative document (including any amendments) apply.

GB 8410	Flammability of automotive interior materials
GB/T 13005	Terminology of gas cylinders
GB/T 17676	Natural Gas Vehicle and Liquefied Petroleum Gas Vehicle Identification Marks
GB/T 17895	Natural gas vehicle and liquefied petroleum gas vehicle—Vocabulary
GB/T 34510	Liquefied natural gas cylinders for vehicles
GB/T 36123-2018	Technical requirements for gas leakage alarm device of gas vehicle
QC/T 245-2017	Technology requirements of fuel-gas system for CNG vehicles
QC/T 247-2017	Technology requirements of fuel-gas system for LPG vehicles
QC/T 755-2020	Technical requirements of fuel-gas system for LNG vehicles
ISO 6487:2015	Road vehicles — Measurement techniques in impact tests —Instrumentation

3 Terms and Definitions

For the purpose of this document, the terms and definitions given in GB/T 17895, GB/T 13005, GB/T 34510, and the following apply.

3.1

refueling device

A component connected to either gas/liquid refueling nozzle or gas/liquid return nozzle during refueling



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