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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 30719-2014

Liquid hydrogen land vehicle fueling system interface

液氢车辆燃料加注系统接口

(English Translation)

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Foreword

This Standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This Standard uses translation method to make it identical with ISO 13984.1999

Liquid hydrogen - Land vehicle fueling system interface.

This Standard was proposed by and shall be under the jurisdiction of National Technical Committee on Hydrogen Energy of Standardization Administration of China (SAC/TC 309).

The drafting organizations of this Standard. Tongji University, China National Institute of Standardization, Shanghai Shunhua New Energy System Co., Ltd., Tsinghua University, Zhejiang University.

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Liquid hydrogen land vehicle fueling system interface

1 Scope

This Standard specifies the characteristics of liquid hydrogen refueling and dispensing systems on land vehicles of all types.

This Standard is applicable to the design and installation of liquid hydrogen (LH2)

fueling and dispensing systems.

2 Normative references

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

ISO 1106-3 Recommended practice for radiographic examination of fusion welded joints - Part 3. Fusion welded circumferential joints in steel pipes of up to 50 mm wall thickness.

ISO 1182 Reaction to fire tests for building products - Non-combustibility test.

ISO 9303 Seamless and welded (except submerged arc-welded) steel tubes for pressure purposes - Full peripheral ultrasonic testing for the detection of longitudinal imperfections.

ISO 10286 Gas cylinders - Terminology.

ISO 11484 Steel tubes for pressure purposes - Qualification and certification of non-destructive testing (NDT) personnel.

ISO 12095 Seamless and welded steel tubes for pressure purposes - Liquid penetrant testing.

ISO 13663 Welded steel tubes for pressure purposes - Ultrasonic testing of the area adjacent to the weld seam for the detection of laminar imperfections.

ISO 13664 Seamless and welded steel tubes for pressure purposes - Magnetic particle inspection of the tube ends for the detection of laminar imperfections.

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