

ICS 75.060
CCS E24



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

GB/T 48154-2026

**Metering methods of gas as fuel on liquefied natural gas
carriers during cargo transfer operations**

液化天然气运输船转运过程燃气消耗计量方法

(English Translation)

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Table of Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

Foreword

GB/T 48154-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 August 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 December 2026.

It is under the responsibility of the Standardization Administration of China.

Classification: ICS 75.060; CCS E24.

1 Scope

This standard sets out metering methods for the gas consumed as fuel aboard liquefied natural gas carriers while cargo is being transferred. During loading and discharge operations, a carrier burns gas for propulsion or power, and that quantity must be measured so that cargo accounting and energy balances can be established reliably.

The document is intended for LNG shipping companies, terminal operators, cargo surveyors and inspection bodies, and trading parties who reconcile quantities delivered and received. Ship designers and equipment suppliers may also use it when considering how fuel gas flows are to be measured. It is a recommended (voluntary) national standard taking effect on 1 December 2026, a date earlier than most documents issued with it. Because fuel gas use during cargo handling affects the energy delivered to buyers, a common metering approach reduces disputes over small quantity differences.