

ICS 29.160.40

CCS K 59



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

GB/T 44300-2024

**Reciprocating internal combustion gas generating
sets-Terminology**

往复式内燃燃气发电设备 术语

Issued on: August 23, 2024

Implemented on: March 1, 2025

**Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC**

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document was proposed by the China Electrical Equipment Industry Association.

This document is under the jurisdiction of the National Technical Committee for Standardization of Reciprocating Internal Combustion Gas Power Generation Equipment (SAC/TC372).

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Terminology for reciprocating internal combustion gas power generation equipment

1 Scope

This document defines terms and definitions commonly used for reciprocating internal

combustion gas-fired power generation equipment.

This document is applicable to various reciprocating internal combustion gas power generation equipment using combustible gas as fuel.

2 Normative references

GB/T 2820.5

GB/T 33347

3 Terms and definitions

The terms and definitions defined in GB/T 2820.5, GB/T 33347, JB/T 8194, ISO 2710-1 and the following apply to this document.

3.1 Gas fuel

A combustible gas that can be used as fuel for internal combustion engines.

[Source: GB/T 33347-2016, Definition 3.1]

3.2 of gas fuel volume

When the engine is running stably under a certain working condition, the unit power consumed per unit time under standard conditions (101.325kPa, 20°C)

3.3 Calories

When the engine is running stably under a certain working condition, the gas fuel consumed per unit power per unit time is completely burned.

3.4 Gas fuel heat value gasfuelheatvalue

When a unit volume of gas fuel is completely burned under standard conditions (101.325 kPa, 20°C), and the combustion products are cooled to the temperature before combustion, The heat generated is divided into high calorific value and low calorific value.

3.4.1

Unit volume of gas fuel is completely burned under standard conditions (101.325 kPa, 20°C), and the combustion products are cooled to the temperature before combustion.