

ICS 71-010
CCS P 72



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

GB/T 50441-2016

Replacing GB/T 50441-2007

**Standard for calculation of energy consumption in
petrochemical engineering design**

石油化工设计能耗计算标准

(English Translation)

Issued on: August 26, 2016

Implemented on: April 1, 2017

**Issued by: Ministry of Housing and Urban-Rural Development of the
People's Republic of China;
General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China**

Table of Contents

What this standard covers	1
Document data	2
Standards quoted by this document	3

What this standard covers

This standard applies to the design and calculation of energy consumption for new and retrofits of whole plants, installations and utility systems for refineries, chemical plants, chemical fertilizers and chemical fiber plants with petroleum, natural gas and petroleum and natural gas products as the main raw materials. Measured Energy Consumption Calculation of Production Acceptance.

Document data

International classification (ICS): 71-010.

Chinese classification (CCS): P72.

Estimated length of the Chinese original: 40,496 words.

Supersedes the earlier edition GB/T 50441-2007.

Standards quoted by this document

GB 30251; SH/T 3116