

ICS 75.060

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**National Standard of the People's Republic
of China**

中华人民共和国国家标准

GB 17820-2012

Replace GB 17820-1999

Natural gas

天然气

Issued on May 11, 2012

Implemented on September 1, 2012

Issued by

**General Administration of Quality Supervision, and
Inspection and Quarantine of the People's Republic of
China
Standardization Administration of the People's Republic of
China**

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Foreword

Article 5.3 of Chapter 3 of this Standard is mandatory, and the remainders are recommendatory.

This Standard is drafted according to the rules specified in GB/T 1.1-2009.

This Standard replaced GB 17820—1999. This Standard, in comparison with GB 17820-1994, has the main changes as follows:

- Modified higher heating value of class I gas, technical indexes of total sulfur and carbon dioxide;
- Modified technical indexes of class III total sulfur and hydrogen sulfide;
- The water dew point of natural gas shall be 5°C lower than the lowest temperature under transportation conditions.
- Incorporate the requirements of adding odorant into natural gas of Annex A in the 1999 version into the standard text, meanwhile references to the requirements of GB 50028;
- The Annex is divided into two; Annex A is hydrocarbon dew point of natural gas; it is added the requirements for hydrocarbon dew point of natural proposed by partial international organizations and countries. Annex B is the classification of natural gas, it is added the classification of natural gas based on Wobbe index.

The Standard is under the jurisdiction of National Technical Committee of Standardization for Toys (SAC/TC 244).

This Standard is drafted by: Gas Research Institute of China Petroleum Southwest Oil and Gas Field Company, China Petroleum Engineering Co., Ltd. Southwest Branch.

The main drafters of this Standard are: Huang Weihe, Tang Meng, Huang Liming, Chen Zhangbing, Shi Xingchun, Qiu Jianyong, Chang Honggang, Luo Qin, and Chen Yunqiang.

The issuances of previous versions of the standards replaced by this Standard are as follows:

- GB 17820-1999

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