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

GB/T 2283-2019

Replacing GB/T 2283-2008

Coking benzene

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard replaces GB/T 2283-2008 "coking benzene". Compared with GB/T 2283-2008, the main changes are as follows:

- Revised the scope of application, added light benzene, removed the contents of pickled benzene (see Chapter 1, Chapter 1 of the.2008 edition);
- Revised the normative reference document (see Chapter 2, Chapter 2 of the.2008 edition);
- Modified technical requirements (see Chapter 3, Chapter 3 of the.2008 edition);
- Modified test methods (see Chapter 4, Chapter 4 of the.2008 edition);
- Modified inspection rules (see Chapter 5, Chapter 5 of the.2008 edition);
- Modified packaging, marking, storage, transportation and quality certificates (see Chapter 6, Chapter 6 of the.2008 edition);
- Modified safety precautions (see Chapter 7, Chapter 7 of the.2008 edition);
- Modified the gas chromatographic method for the determination of benzene and impurities in coking benzene (see Appendix A, Appendix A of the.2008 edition). This standard was proposed by the China Iron and Steel Association. This standard is under the jurisdiction of the National Coal Chemical Standardization Technical Committee (SAC/TC469). This standard was drafted. Xingtai Xuyang Technology Co., Ltd., Jinneng Technology Co., Ltd., Ningxia Baofeng Energy Group Co., Ltd. Si, Baowu Carbon Material Technology Co., Ltd., Xingtai Xuyang Coal Chemical Co., Ltd., Metallurgical Industry Information Standards Institute. The main drafters of this standard. Zhang Yingwei, Yang Hongqing, Wang Jianhua, Liu Xingtao, Hao Liping, Zheng Jingwu, Zhang Hui, Zhang Yingxin, Gao Mingli, Li Qianyi. The previous versions of the standards replaced by this standard are.
- GB 2283-1980, GB/T 2283-1993, GB/T 2283-2008. Coking benzene

1 Scope

GB/T 2283-2019 is the Chinese national standard on coking benzene, in the field of chemical technology. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 18 October 2019 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 May 2020. Classification: ICS 71.080.15, CCS G18. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the technical requirements, test methods, inspection rules, marking, packaging, transportation, storage, quality certificate and safety of coking benzene. Precautions. This standard is applicable to coking benzene produced by hydrogenation, rectification, etc. of crude benzene/light benzene recovered from coke oven gas.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article. Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB 190 dangerous goods packaging mark

GB/T 1815 Determination of bromine and bromine index of benzene products

GB/T 1816 benzene product neutral test

GB/T 1999 Sampling method for coking oil products

GB/T 2281 Coking oil product density test method

GB/T 3145 benzene crystallization point determination method Microcoulometric method for determination of total sulfur content of

GB/T 3208 benzene products Method for determination of pickling colorimetric of

GB/T 8035 coking benzene products Method for determination of color of

GB/T 8036 coking benzene products

GB/T 8170 Numerical Rounding Rules and Representation and Determination of Limit Values SH/T 0689 Determination of total sulfur content of light hydrocarbons and engine fuels and other oils (UV fluorescence method)

3 Technical requirements

The technical indicators of coking benzene should meet the requirements of Table 1. Table 1 project index First-class quality products Appearance transparent liquid, no visible impurities Color (platinum-cobalt) is not deeper than

20 Non-aromatic content (mass fraction) /% is not more than 0.05 0.10 - Crystallization point/° C is not less than 5.45 5.45 5.20