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

GB/T 31356-2014

Quality evaluation and control guide for commercial coal

商品煤质量评价与控制技术指南

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules. The standard proposed by China Coal Industry Association. This standard coal by the National Standardization Technical Committee (SAC/TC42) centralized. This standard was drafted. Coal Institute of Science and Technology Co., Ltd. Branch Coal Chemical Industry, China Coal Industry Association, Beijing Shenhua can Hengyun Source Technology Co., Ltd. Beijing Hua Xia Lihong commodity inspection, sales Shenhua Group Co., China Datang Coal limited liability Any company, Inspection and Quarantine Bureau, Qinhuangdao coal detection technology center, Lianyungang, Inspection and Quarantine Technology Center integrated, Inspection and Quarantine of Fangchenggang Mine laboratory. The main drafters of this standard. Jiang Ying, Luo Yun-Fei, Zhu Chuan, Bai Xiangfei, Kang Ji, Liu Feng, Cui Fenghai, Gu Hongwei, Lixiang Li, Zhang Wenhui, Liangjian Bing, China, Shi Zhen Fan, Zhao Feng, Tu Hua, Ding Hua, Liu Fu, Zheng thick hair, Zhang Bo, Jiang Yu, Chen Yongxin, Chenyue Fei.

Coal is an important basic energy and industrial raw materials, but also China's trade circulation of commodities. Implement the State Council "Atmospheric Pollution Prevention Action Plan" to establish a sound commercial coal quality evaluation mechanisms to strengthen the whole process of commercial coal quality management, improve the coal terminal Quality, efficient and clean use of coal to promote and improve the environmental quality standard is formulated. Commodity Coal Quality Evaluation and Control Guidelines

1 Scope

China's national technical guide to the quality evaluation and control of commercial coal. It specifies the related terms and definitions, the quality evaluation, the quality control indexes and their control values, the test methods, the marking, the quality inspection and circulation requirements, and the technical requirements for quality evaluation and control in trade contracts. It applies to the production, processing, storage, transport, sale, import and use of commercial coal, and it does not apply to coal used at the mine mouth or to low calorific value coal used in coal-fired power plants at the mine. It was written to implement the State Council's Action Plan for the Prevention and Control of Air Pollution: to establish a sound quality evaluation mechanism for commercial coal, strengthen quality management across the whole chain, improve the quality of coal reaching the end user, promote the efficient and clean use of coal, and improve environmental quality. That policy origin explains the document's shape. Coal is a heterogeneous natural material whose composition varies within a single seam, and the properties that matter environmentally - sulfur, ash, mercury, arsenic, chlorine, fluoride, phosphorus - are not the properties a buyer traditionally paid for, which were calorific value and moisture. Setting control values for the pollutant-forming constituents of commercial coal, and requiring them to be evaluated and declared through the chain, is what connects an air quality policy to a coal purchase contract. The test methods are drawn from the existing GB/T coal analysis series, which is what makes the control values verifiable rather than aspirational. Issued on 31 December 2014 and in force since 1 January 2015.

This standard specifies the coal and commodity-related terms and definitions, quality evaluation, quality control indicators and control values, test methods, marking Knowledge, quality inspection and circulation requirements, and technical requirements of trade contracts for quality assessment and control. This standard applies to the production, processing, storage, transportation, sale, importation, use and other aspects of commercial coal. This standard does not apply to self-pit coal and coal of low calorific value coal plants.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document. Determination of total moisture in

GB/T 211 coal Analysis Method GB/T 212 coal Heat

GB/T 213 Determination of coal Determination of total sulfur in GB/T 214 coal

GB/T 216 Determination of phosphate in coal

GB/T 219 Determination of ash fusibility

GB/T 220 Determination of coal chemical reactivity of carbon dioxide

GB 474 coal sample preparation

GB 475 coal samples of goods taken by artificial methods Determination of

GB/T 476 carbon and hydrogen in coal

GB/T 477 Coal Screening Test Method

GB/T 479 bituminous coal index of glial layer determination Determination of thermal stability GB/T 1573 coal

GB/T 1574 ash component analysis Grindability index measurement method

GB/T 2565 coal Hardgrove law

GB/T 3058 Determination of Arsenic in Coal