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

GB/T 10598.2-2017

Replacing GB/T 10598.2-2005

**Open-cut mine rotary blast hole drill - Part 2: Industrial test
method**

露天矿用牙轮钻机和旋转钻机 第2部分：工业试验方法

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Foreword

GB/T 10598 "open pit drilling and rotary drilling rig" is divided into two parts. - Part 1. General technology; Part 2. Industrial test methods. This part is part 2 of GB/T 10598. This part is drafted in accordance with the rules given in GB/T 1.1-2009. This part of the replacement GB/T 10598.2-2005 "open-pit mine drilling and rotary drilling machine industrial test method." This part with GB/T 10598.2-2005 compared to the editorial changes in the main technical content changes are as follows:

--- modified part of the term; - modified the conditions under which the industrial test was completed (see 5.1, 2005 5.1); - to modify the preparation of industrial tests (see Chapter 6, Chapter 6 of the 2005 edition); - rewrite the contents of the "Industrial Test" and the corresponding "Industrial Test Method" section (see Chapter 7). This part is made by the China Machinery Industry Federation. This part of the National Mining Machinery Standardization Technical Committee (SAC/TC88) centralized. This part of the drafting unit. Sinosteel Hengyang Heavy Machinery Co., Ltd., Luoyang Mining Machinery Engineering Design and Research Institute Co., Ltd., Nanchang Kaima Limited. The main drafters of this part. Huang Huiming, Zhang Luming, Cai Guohong, Liu Min, Li Ke, Wei Pingjin, Zhou Xiangheng. This part of the previous version of the standard to replace the release of the situation. GB/T 10598.2-1989, GB/T 10598.2-2005. Open pit drilling and rotary drilling rig Part 2. Industrial test methods

1 Scope

GB/T 10598.2-2017 is the Chinese national standard on open-cut mine rotary blast hole drill - part 2: industrial test method, in the field of mining and minerals. 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 12 July 2017 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 February 2018. Classification: ICS 73.100.30, CCS D92. 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 part of GB/T 10598 specifies the contents and methods of industrial tests for open pit drilling and rotary drilling rigs. This section applies to industrial tests of open pit drilling machines and rotary drilling rigs (hereinafter referred to as "rigs").

2 Normative reference documents

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

GB/T 3768 Acoustic vocal pressure method for the determination of noise sources Sound power level Reflective surface above the use of envelope measurement of the surface of the simple method Mining machinery - Part 1. Mining equipment GB/T Laboratory Evaluation of Seat Vibration of

GB/T 8419 Earthmoving Machinery Driver Open - pit mine - and - rotary drilling rigs - Part 1. Generic technology GB/T

GB/T 13325 Radiation noise of machines and equipment Radiation operator Basic criteria for position noise measurement (engineering grade) Performance requirements and test methods for earth - moving tracked brake systems Safety requirements for mine borehole drilling rig GB 21009

3 Terms and definitions

GB/T 7679.1 Definitions and the following terms and definitions apply to this document.

3.1 Repair and maintenance time Consists of three parts.

a) downtime repair or commissioning time required for product design or manufacturing quality problems;

b) the downtime required for the normal replacement of wearing parts;

c) normal equipment maintenance check time.

3.2 Stop time of external cause Due to production organization or illegal operation and other non-machine causes their own downtime.

3.3 Average abundance averaged drilled footage per shift During the trial period, the ratio of total footage to total number of classes.

3.4 Drilling time utilization use factor of drilling time The percentage of pure drilling time and drilling cycle time over a certain period of time.