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Replacing GB/T 15663.2-2008

Vocabulary of coal mining - Part 2: Shaft and drift engineering

煤矿科技术语 第2部分：井巷工程

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Foreword

This document is in accordance with the provisions of GB/T 1:1-2020 "Guidelines for Standardization Work Part 1: Structure and Drafting Rules for Standardization Documents" drafting: This document is the second part of GB/T 15663 "Coal Mine Technical Terminology": GB/T 15663 has issued the following parts:

- Part 1: Coal Geology and Exploration;
- Part 2: Shaft engineering;
- Part 3: Underground mining;
- Part 4: Surface mining;
- Part 5: Lifting transport;
- Part 6: Mine measurement;
- Part 7: Mining subsidence and special coal mining;
- Part 8: Coal Mine Safety;
- Part 10: Mining machinery;
- Part 11: Coal mine electrical: This document replaces GB/T 15663:2-2008 "Coal Mine Technical Terminology Part 2: Shaft and Roadway Engineering", and GB/T 15663:2-2008 In comparison, except for structural adjustments and editorial changes, the main technical changes are as follows:

- a) Deleted some terms and definitions, see Appendix A for details;
- b) Added some terms and definitions, see Appendix B for details;
- c) Some terms and definitions have been changed, see Appendix C for details: Please note that some contents of this document may refer to patents: The issuing agency of this document assumes no responsibility for identifying patents: This document was proposed by the China Coal Industry Association: This document is under the jurisdiction of the National Coal Standardization Technical Committee (SAC/TC42): This document is drafted by: Beijing China Coal Mining Engineering Co., Ltd., China Coal Mining Research Institute Co., Ltd., China Electronics Engineering Design Institute Co., Ltd., Jiangsu Hexin Petroleum Machinery Co., Ltd., China Coal Third Construction (Group) Co., Ltd., General Technology Group Engineering Design Co., Ltd., Beijing University of Science and Technology, Coal Science and Technology Research Institute Co., Ltd., Anhui Huaiwu Engineering Project Management Co., Ltd: The main drafters of this document: Liu Zhiqiang, Kang Hongpu, Li Gongzhou, Han Bo, Jing Guoye, Li Fangzheng, Feng Xuhai, Zhao Junxian, Sun Jianrong, Wu Yongzheng, Tan Jie, Song Chaoyang, Guo Baode, Xu Huidong, Lu Pengju, Ji Hongguang, Cheng Shouye, Li Yaowu, Chen Yuankun, Liu Shujie, Gao Gangrong, Han Shengming, Zhang Yunli, Long Zhiyang, Liu Ning, Zhu Feng, Sun Zhiyong, Hao Dengyun: This document was first released in:1995, revised for the first time in:2008, and this is the second revision:

1 Scope

GB/T 15663.2-2023 is the Chinese national standard on vocabulary of coal mining - part 2: shaft and drift engineering, in the field of generalities, terminology and documentation. 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 23 May 2023 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 December 2023. Classification: ICS 01.040.73, CCS D04. 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 document defines the basic terms of shaft engineering, shaft excavation, shaft support, common method sinking, drilling method sinking, freezing method sinking, grouting Terms of method sinking, caisson method sinking, wellbore equipment and facilities: This document applies to all documents, standards, regulations, specifications, books, textbooks and manuals related to shaft engineering:

2 Normative references

This document has no normative references:

3 Basic terms

1 Well alley mineworking; working A series of passages and chambers excavated in the strata for coal mining, transportation, and lifting operations: 3:

2 It serves the engineering of digging shafts, roadways and chambers in the formation for coal mining: 3:3 shaft shaft A passage from the ground to the ground or between different mining levels: 3:4 vertical shaft shaft A vertical shaft that leads from the ground to the underground: 3:

5 Inclined shaft An inclined shaft that leads from the surface to the underground: 3:6 gentle slope gentle slope ramp Deviated shafts with an inclination angle not greater than 6° : 3:7 adit; adit entry Horizontal access with ground level exit: