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

GB/T 15663.8-2008

Replacing GB/T 15663.8-1995

Terms relating to coal mining - Part 8: Mine safety

煤矿科技术语 第8部分：煤矿安全

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Foreword

GB/T 15663 "to coal The term" divided into the following sections.

--- Part 1. Coal Geology & Exploration;

--- Part 2. underground construction; Dust, "" dust effect "and other terms;

--- Chapter 7 mine fire, increasing the "idle bubble", "Gel Fire Prevention and Control", "hydrogel", "flame retardant", "Natural gas combustion flag Body ", " critical oxygen concentration ", " Spontaneous Combustion Three Zones "and other terms; deleted" very warehouse "term;

--- Chapter 8 mine rescue, increasing the "air breathing", "positive pressure oxygen breathing apparatus," "negative pressure oxygen breathing apparatus," "self-help-based miner Reunification ", " air breathing "and other terms.

--- Some issues statements of other terms defined in the standard has been modified. This part is proposed by the China Coal Industry Association. This part of the National Standardization Technical Committee centralized coal. This section is drafted. Fushun Branch of Coal Science Research Institute, China Coal Research Institute Chongqing Branch. The main drafters of this section. Zhang Yanshou, Hoi Chu, Huozhong Gang, Liu Xiaobo, Jiang Wenzhong, Liang Yuntao, Nie Yaling, Zhao Xusheng, giant just wide. This part of the standard replaces the previous editions are.

--- GB/T 15663.8-1995. Coal Science and Technology Terminology - Part 8. Mine Safety

1 Scope

GB/T 15663.8-2008 is the Chinese national standard on terms relating to coal mining - part 8: mine safety, 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 29 July 2008 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 May 2009. 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.

GB/T 15663 provisions of this part of the mine atmosphere, ventilation, instrumentation, gas, dust, mine fire and mine rescue and other terms. This section applies to coal mine safety-related documents, procedures, specifications, books, textbooks and manuals and the like.

2 Mine atmosphere

2.1 A mixture of harmful gases and dust in the air and underground fresh produce from the ground.

2.2 Composition and surface air composition similar or the same air.

2.3 By underground dust, harmful gases polluted air.

2.4 Refers under certain conditions, harmful to human health, endanger personnel and operational safety of gases, including toxic gases, flammable gases and asphyxiation Gas.

2.5 Even trace amounts can endanger the safety of human life and human health detrimental gases harmful gases.

2.6 Mixed with air can burn or explosive gases.

2.7 So that the oxygen content decreased, respiratory gases endanger personnel mine air.

2.8 The temperature, humidity, atmospheric pressure and wind speed and other parameters of the reaction of the mine air condition.

3 Mine Ventilation

3.1 Continuous delivery of fresh air to the mine, supplying personnel breathing, diluted and emit harmful gases and dust, weather conditions and improve mine disaster Merry job control.