

ICS 13.340
CCS C70



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

GB/T 16758-2008

Replacing GB/T 16758-1997

The classification and technical specification of exhaust hood

排风罩的分类及技术条件

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Foreword

This standard replaces GB/T 16758-1997 "hood classification and technical conditions."
This standard and GB/T 16758-1997 compared to the main changes are as follows:

- Updated part of the definition;
- Adjust some hood categories;
- Modified exhaust hood determination of some of the terms. Appendix A of this standard is a normative appendix. This standard was proposed by the State Administration of Work Safety. This standard produced by the National Standardization Technical Committee on Security. This standard was drafted. Capital University of Economics, Beijing Center for Disease Control and Prevention, Hunan Nonferrous Metallurgy Research Institute of labor protection, in Sinosteel Maanshan Institute of Mining Research. The main drafters of this standard. Guo Jianzhong, Zhao Rong, Tang Zhi-ya, Guo Jinfeng, Jiang Kun, Wang Yongyi, Bao Jinling. This standard is March 14, 1997 was first released in 2008, the first revision. This standard replaces the standards previously issued as follows:
 - GB/T 16758-1997. Classification and technical exhaust hood

1 Scope

GB/T 16758-2008 is the Chinese national standard on the classification and technical specification of exhaust hood, in the field of environment and health protection, safety. 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 15 December 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 October 2009. Classification: ICS 13.340, CCS C70. 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 terms and definitions hood, classification, design principles, technical requirements, determination and so on. This standard applies for the control of toxic dust and other harmful substances used in the source hood.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 12138 baghouse performance test methods

GB 50155 heating, ventilation and air conditioning terminology standards

3 Terms and Definitions

The following terms and definitions apply to this standard.

3.1 Disposed of harmful substances at the source, capture and control the ventilation member of harmful substances.

3.2 The amount of air per unit time blown from the air outlet.

3.3 The amount of air per unit time discharged from the exhaust hood.

3.4 Full pressure drop (pressure loss) gas flow through the hood when.

3.5 Resistance and dynamic pressure measurement section ratio of exhaust hood.

3.6 The average wind speed on the effective section cover the mouth.

3.7 Emission of harmful substances exhausted until the initial energy, emission velocity lowered to position the environment irregular size of the flow velocity.

3.8 From the control point to the center of the hood opening.