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# GB

NATIONAL STANDARD OF THE  
PEOPLE'S REPUBLIC OF CHINA

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## GB/T 18841-2002

Replacing GB/T 1.8-1989

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### Rules for drafting of occupational safety and health standards

职业安全卫生标准编写规则

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## Table of Contents

|                                                 |   |
|-------------------------------------------------|---|
| Foreword.....                                   | 3 |
| 1 Scope .....                                   | 4 |
| 2 Normative references .....                    | 4 |
| 3 Terms and definitions .....                   | 4 |
| 4 Basic requirements for standard drafting..... | 5 |
| 5 Standard name.....                            | 6 |
| 6 Technical content.....                        | 6 |
| Appendix A.....                                 | 8 |

## Foreword

This Standard is revised on the basis of GB/T 1.8-1989 “Directives for the work of standardization Rules for drafting of occupational safety and health standards”. Compared to GB/T 1.8-1989, the main changes are as follows:

- This Standard revised the structure and drafting-rules of occupational safety and health standards by basing on GB/T 1.1-2000 “Directives for standardization - Part 1: Rules for the structure and drafting of standards”;
- This Standard deleted 7.3.3 in GB/T 1.8-1989.

This Standard was proposed by China Standard Research Center.

This Standard shall be under the jurisdiction of the State Bureau of Quality and Technical Supervision Standardization Principle and Method Working-Group.

Drafting organizations of this Standard: China Standard Research Center, State Administration of Work Safety.

Main drafters of this Standard: Feng Zhenghu, Bai Dianyi, Yang Guoshun.

# **Rules for drafting of occupational safety and health standards**

## **1 Scope**

This Standard specifies the basic principles and technical content for the drafting of occupational safety and health standards.

This Standard applies to the drafting of occupational safety and health standards.

## **2 Normative references**

The provisions in following documents become the provisions of this Standard through reference in this Standard. For dated references, the subsequent amendments (excluding corrections) or revisions do not apply to this Standard, however, parties who reach an agreement based on this Standard are encouraged to study if the latest versions of these documents are applicable. For undated references, the latest edition of the referenced document applies.

GB/T 1.1-2000 Directives for standardization - Part 1: Rules for the structure and drafting of standards (ISO/IEC Directives, Part 3, 1997, Rules for the structure and drafting of International Standards, NEQ)

GB/T 13861 Classification and code for the hazardous and harmful factors in process

GB/T 15236 Occupational safety and health glossary

## **3 Terms and definitions**

The Terms and definitions determined by GB/T 15236 and the following ones are applicable to this document.

### **3.1 Hazardous factors**

Factors that can cause casualties or sudden damage to objects.

### **3.2 Harmful factors**

Factors that can affect people's physical and mental health, lead to disease, or

requirements for working system, equipment operation-procedure, process-control, inspection and monitoring system;

- c) Occupational safety and health requirements for the production plant (including the open operation site) and the operating point (such as stokehole, the underground, and the sea);
- d) Occupational safety and health requirements for equipment (see Appendix A);
- e) Requirements for special-equipment's' configuration, operating point layout, piping layout, the scattering and isolation of potentially hazardous equipment, and the starting signal for the equipment movement;
- f) The occupational safety and health requirements for the use and disposal of raw materials, rough and semi-finished products containing hazardous and harmful elements;
- g) The occupational safety and health requirements for the transportation and storage (including loading and unloading) of raw materials, semi-finished products, semi-finished products, finished products and production residual containing hazardous and harmful elements;
- h) Psychological, physiological and other requirements for the workers to participate in production (or professional activities), as well as training and assessment requirements;
- i) Requirements for the use of protective equipment (including collective and individual protective equipment);
- j) Requirements for safety signs;
- k) The detection and evaluation method of occupational safety and health requirements;
- l) Others.

**6.3** For other types of occupational safety and health standards, it may draft the corresponding technical content according to their respective characteristics and occupational safety and health needs.

- n) Electrical safety requirements;
- o) Safety requirements for inspection, maintenance and operation;
- p) Restriction and protection requirements for possible hazards in operation, such as rejection, noise, vibration, temperature, humidity, dust, radiation, steam, gas or liquid etc.;
- q) Fireproof and explosion-proof requirements (including the equipment's internal-pressure);
- r) Occupational safety and health requirements for pneumatic and hydraulic equipment;
- s) Occupational safety and health requirements for the use of liquid-fuel or solid-fuel equipment;
- t) Occupational safety and health requirements for nuclear facilities and nuclear radiation sources;
- u) Safety and health requirements for material pipes' coloring;
- v) Requirements for safety-sign setting;
- w) Others.

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