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

GBZ/T 280-2017

**Guidelines for prevention and control of occupational hazards
in thermal power plant**

火力发电企业职业危害预防控制指南

(English Translation)

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Foreword

This standard is formulated in accordance with the "Law of the People's Republic of China on Prevention and Control of Occupational Diseases".

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

The main drafting organizations of this standard. Tianjin Center for Disease Control and Prevention, Jilin Electric Power Co., Ltd. Electric Power Research Institute, Shandong

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1 Scope

This standard specifies the basic requirements of thermal power generation enterprises, the main occupational hazards, occupational health protection measures, and emergency response Assistance, auxiliary facilities, occupational health training, occupational health inspection and assessment requirements, etc.

This standard applies to the prevention and control of occupational hazards in thermal power generation enterprises and their supervision and management. Mainly produce coal, oil, natural gas, etc.

For the prevention and control of occupational hazards in thermal power generation enterprises of raw materials, refer to this standard.

This standard does not apply to the prevention and control of occupational hazards in nuclear power plants, geothermal power plants, and garbage power plants.

2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this article Pieces. For undated reference documents, the latest version (including all amendments) is applicable to this document.

GB/T 11651 Specification for Selection of Personal Protective Equipment GB/T 18664 Selection, use and maintenance of respiratory protective equipment GB 50019 Design Code for Heating, Ventilation and Air Conditioning GB/T 50033 Building lighting design standard GB 50034 Architectural Lighting Design Standard GB 50187 General Layout Design Specification for Industrial Enterprises GB J87 Industrial Enterprise Noise Control Design Code GBZ 1 Hygienic Standard for Design of Industrial Enterprises GBZ 2.1 Occupational Exposure Limits for Hazardous Factors in the Workplace Part 1: Chemical Hazardous Factors GBZ 2.2 Occupational Exposure Limits for Hazardous Factors in the Workplace Part 2: Physical Factors GBZ 158 Workplace Occupational Disease Hazard Warning Label GBZ 159 Sampling Specification for Monitoring of Hazardous Substances in the Air of Workplaces GBZ 188 Technical Specification for Occupational Health Monitoring GBZ/T 194 Code of protective measures for prevention of occupational poisoning in the workplace GBZ/T 203 Occupational Disease Hazard Notification Specification for High Toxic Substances Work Post GBZ/T 204 Occupational Hazard Information Guide for Highly Toxic Substances Work Post GBZ/T 205 Occupational Hazard Protection Code for Confined Space Work GBZ/T 222 Confined Space Direct Reading Gas Detector Selection Guide GBZ/T 223 Specification for the setting of all poisonous gas detection and alarm devices in the workplace GBZ/T 224 Occupational Health Terminology GBZ/T 225 Guidelines for

Occupational Disease Prevention and Control of Employers GBZ/T 229.1 Classification of occupational hazards in the workplace Part 1: Productive dust GBZ/T 229.2 Classification of occupational hazards in the workplace Part 2: Chemicals GBZ/T 229.3 Classification of occupational hazards in the workplace Part 3: High temperature GBZ 230 Classification of hazard degree of occupational exposure to toxicants