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

GB 11662-2012

Replacing GB 11662-1989

**Health protection zone for sintering industry
(English Translation)**

Issued on: January 1, 1970

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Foreword

4.2 to 4.4 of this standard are recommended, the rest are mandatory.

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

This standard replaces GB 11662-1989 "from the sintering plant health protection standards", compared with GB 11662-1989 major technological changes as follows.

- Adjust the standard name, and according to GB/T 1.1-2009 standard structure adjustment;
- Amendments to the definition of health protection distance, increasing the sensitive area, complex terrain, firing three terms and definitions;
- Revised the Health protection zone standard limits;
- Increased requirements for greening.

This standard is proposed and administered by the People's Republic of China Ministry of Health.

The standard by the China Center for Disease Control Environmental Health and Related Product Safety, Medical College of Wuhan University of Science and Technology is responsible for drafting.

1 Scope

This standard specifies the health protection distance required between businesses and sintering sensitive areas.

This standard applies to new construction, renovation, expansion project is located in the plains of sintering enterprises. Existing companies may refer to sintering.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 3840-1991 development of local air pollutant emission standards of technical methods

3 Terms and Definitions

The following terms and definitions apply to this document.

Health protection healthprotectionzone Factors adversely department (workshop or workplace) to the sensitive border zone boundary minimum distance.

Sensitive area Residential areas, schools, hospitals and other air pollution sensitive areas.

Complex terrain complicatedlandform Mountains, hills, coastal.

Sintering

The powder compacts or powder which is heated to below the melting point of the main component, and to certain methods and speed of the cooling to room temperature, Thereby effect bonding between the particles, increasing the strength of the sintered body.

4 Index requirements

4.1

Health protection zone sintering industry standard limits are shown in Table 1.

Table 1 Sintering Health protection industry standard limits

Region the past five years the average wind speed m/s Health protection 4500

4.2

Determination located in the complex terrain of sintering enterprises health protection distance reference GB/T 3840-1991 7.6 The Regulation Scheduled execution.

4.3

Enterprise and firing position sensitive areas, should consider the impact of factors such as wind direction and topography frequency to minimize its atmospheric environment sensitive areas Pollution.

Enterprise 4.4 within the health protection distance range, densely planted trees plants green belt (width less than 10m), and according to health 90% protection from the standard limit of execution. Attention to the selection of species resistant characteristics of pollutants

or adsorption characteristics.