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

GB 8195-2011

Replacing GB 8195-1987

**Health protection zone for petroleum processing industry
(English Translation)**

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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 8195-1987 "refinery Health protection standards." this standard compared with GB 8195-1987 The main technical changes are 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 two terms and definitions;
- Revised the Health protection zone standard value, adjust the scale of production sub-file, no longer consider crude oil sulfur content;
- Remove independently set distances means of health protection;
- Increased requirements for greening.

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

1 Scope

This standard specifies the health protection distance required between oil processing enterprises and sensitive areas.

This standard applies located in the plains region's oil processing enterprises in new construction, renovation, expansion project. Existing oil processing enterprises can refer carried out.

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.

4 Index requirements

4.1

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

Table 1, oil processing industry Health protection zone standard limits

Crude oil processing capacity kt/a Location near five-year average wind speed m/s Health protection ≤ 8000 4700

Table 1 (continued)

Crude oil processing capacity kt/a Location near five-year average wind speed m/s Health protection > 8000 4900

4.2

Determination of oil processing enterprises located in the health protection zone under the conditions of complex terrain, with reference to GB/T 7.6 in 3840-1991 Regulations.

Location 4.3 oil processing enterprises and sensitive areas, should consider the impact of factors such as wind direction and topography frequency to minimize its sensitive areas atmosphere Pollution of the environment.

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.