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

**GB 18078.1-2012**

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**[GB/T 18078.1-2012] Health protection zone for agricultural and  
sideline food processing industry -- Part 1: Slaughter,  
meat-processing industry [including MODIFICATION 1]  
(English Translation)**

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### Foreword

The clauses 4.2, 4.3, 4.4 of this part are recommended; the rest are mandatory.

GB 18078 "Health protection zone for agricultural and sideline food processing industry" is divided into 2 parts.

- Part 1.Slaughter, meat-processing industry;
- Part 2.Grain-grinding and feed-processing industry.

This part is the part 1 of GB 18078.

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

This part replaces GB 18078-2000 "Health protection zone standard for meat-works".

As compared with GB 18078-2000, the main changes of this standard are as follows.

- CHANGE the standard name; according to the GB/T 1.1-2009 "Directives for standardization - Part 1.Structure and drafting of standards", ADJUST the standard structure;
- REVISE the definition of health protection zone. ADD the terms and definitions of sensitive area and complicated landform;
- REVISE the standard limit of health protection zone; ADJUST the grading of wind speed and the grading of production scale;

- ADD the requirements for greening.

This part was proposed by and shall be under the jurisdiction of the Ministry of Health of the People's Republic of China.

Responsible drafting organizations of this part. Environmental and Health-related Product Safety Institute of China Center for Disease Control and Prevention, Wuhan Municipal Center for Disease Control and Prevention.

Participated drafting organization of this part. Wuhan Jiangxia District Health Supervision Office.

## **1 Scope**

This part of GB 18078 specifies the health protection zone as required between slaughter and meat-processing enterprises and sensitive areas.

This part applies to the construction, reconstruction and expansion of slaughtering and meat-processing enterprises located in the plain area. Existing slaughter and meat-processing enterprises can refer to this standard.

## **2 Normative references**

The following documents are essential to the application of this document. For the dated documents, only the versions with the dates indicated are applicable to this document; for the undated documents, only the latest version (including all the amendments) are applicable to this standard.

GB/T 3840-1991 Technical methods for making local emission standards of air pollutants

## **3 Terms and definitions**

The following terms and definitions apply to this document.

### **3.1**

Health protection zone

The minimum distance from the boundary of the department (production plant or workplace) that produces the harmful factors to the boundary of the

sensitive area.

**4.1 The limits of health protection zone for slaughter and meat-processing**

enterprises are as shown in Tables 1 and 2.

**4.2 The method for determining the health protection zone of slaughter and**

meat-processing enterprises under complicated landform conditions shall be

implemented in accordance with the provisions of 7.6 of GB/T 3840-1991.

**4.3 The location of slaughter and meat-processing enterprises and sensitive**

areas shall consider the influence of wind direction frequency and topography,

to minimize the pollution of the atmospheric environment of the sensitive area.

**4.4 Within the scope of health protection zone, enterprises with dense arbor**

plant green belts (width no less than 10 m) may be implemented at 90% of the

standard limit of health protection zone. It shall take care to select the tree

species which are resistant to or may absorb contaminants.

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