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

**GB/T 47306-2026**

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**Design specification for engineering measures for epidemic  
prevention on livestock and poultry farms**

畜禽养殖场工程防控设计规范

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### Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed by the Ministry of Agriculture and Rural Affairs of the People's Republic of China. This document is under the jurisdiction of the National Technical Committee on Standardization of Animal Husbandry (SAC/TC274). This document was drafted by: China Agricultural University, National Animal Husbandry Service, China Rural Technology Development Center, and Swine Technology Innovation Center. (Chongqing), Xi'an Qing'an Zhihang General Equipment Co., Ltd., Zhengda Investment Co., Ltd., New Hope Liuhe Co., Ltd., Shandong Hua'ao Dadi Agriculture Development Co., Ltd. The main drafters of this document are: Shi Zhengxiang, Li Baoming, Huang Shiwei, Zhao Wanying, He Xiaotao, Wang Chaoyuan, Zhao Xiaoli, Wang Hao, Li Hao, and Pu Shihua. Qi Fei, Shen Li, Wang Yu, Han Hua, Sun Lihua, Wang Shikui, Tong Qin, Wang Qi. Livestock and Poultry Farm Engineering Prevention and Control Design Specifications

### 1 Scope

GB/T 47306-2026 is the Chinese national standard covering designing a farm so that disease stays out - the siting and separation distances, the clean and dirty routes that must not cross, the disinfection points for vehicles and people, the ventilation and the carcass and manure handling. African swine fever taught the Chinese industry what biosecurity by design is worth. First edition, in force since 1 October 2026. It was issued on 31 March 2026 and takes effect on 1 October 2026, as a first edition. The document is under the responsibility of the Ministry of Agriculture and Rural Affairs. This page is published from the official record of the 2026 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

NY/T 388 Environmental Quality Standard for Livestock and Poultry Farms

NY/T 682 Technical Specification for Design of Livestock and Poultry Farm Areas

NY/T 1220 (All Parts) Technical Specification for Biogas Engineering

NY/T 1222 Design Specification for Biogas Engineering in Large-Scale Livestock and Poultry Farms

NY/T 4319 Construction Standard for Decontamination Centers

## 2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 19258.1 Ultraviolet radiation sources for sterilization - Part

GB/T 26624 Design requirements for livestock and poultry breeding wastewater storage facilities

GB/T 27622 Design requirements for livestock and poultry manure storage facilities

## 3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Measures such as facility isolation, functional space zoning, and cleaning and disinfection are used to prevent potentially pathogen-carrying animals, personnel, vehicles, and items from entering the facility. Engineering technologies for livestock and poultry production areas that can prevent cross-infection and pathogen leakage within the area.

## 4 Basic Requirements

4.1 Livestock and poultry farms should be functionally zoned according to their breeding characteristics and production management requirements, and each functional zone should be separated by walls, fences, etc. Separated by.

4.2 Livestock and poultry farms should be laid out according to the prevailing wind direction in the local area.

4.3 Rainwater and sewage should be separated in livestock and poultry farms. Sewage should be discharged into the sewage treatment area for centralized treatment through underground ditches or pipes, and the slope of the sewage pipes should be appropriate. It should be no less than 0.3%.

4.4 Facilities that are frequently transported and exchanged with external parties within the production area should be located in areas close to external roads.

4.5 Roads within the site should be separated for clean and dirty areas, and dedicated channels for the transfer of livestock and poultry and for the flow of people and goods should be set up.

4.6 Tall trees, such as arbor trees, should not be planted within the premises of poultry farms.

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