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LS

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

LS/T 1705-2017

Replacing LS/T 1705-2004

**Classification and codes of grain information. Classification and
codes of grain establishment
(English Translation)**

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Foreword

This standard is based on GB/T 1.1-2009 "Standardization Work Guidelines Part 1. Structure and Compilation of Standards", GB/T 20001.3-2015 "Standard Writing Rules Part 3. Classification Standards" and GB/T 7027-2002 "Basic Principles and Methods for Information Classification and Coding", A comprehensive code is given in conjunction with facility information in the food industry.

This standard replaces LS/T 1705-2004 "Food Facility Classification and Code", compared with LS/T 1705-2004, the main technical content the changes are as follows.

According to the "Standard for the Construction of Grain Warehouses" (Building Standard 172-2016) and the "Standards for the Construction of Vegetable Oil Depots" (Building Standards 118-2009) Adjustments have been made to increase the types of warehouse types, supplemented production facilities, auxiliary production facilities, and management and business premises;

--- Removed duplicate entries;

--- Adjusted the order of production facilities and auxiliary production facilities, and expanded the details.

This standard replaces LS/T 1705-2004 "Food Facility Classification and Code" from the date of publication.

This standard was proposed by the National Grain Administration.

This standard is under the jurisdiction of the National Grain and Oil Standardization

Technical Committee (SAC/TC270).

This standard was drafted. Henan University of Technology, Henan Institute of Technology Design and Research Institute, National Grain and Oil Information Center, Hubei Provincial Grain Bureau, Henan Province Food Bureau.

1 Scope

This standard specifies the principles and methods of food facility classification, coding methods, code structure and coding principles, and classification and generation of food facilities.

Code table.

This standard applies to information processing and information exchange in the food industry.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 14885 fixed asset classification and code GB/T 26632 Grain and oil terminology, grain and oil storage equipment and facilities Jianbiao 118 Plant Oil Depot Construction Standard Jianbiao 172 Grain Warehouse Construction Standard

3 Classification principles and methods

3.1

This standard is classified according to the type of granary, the properties of the granary and the composition of the grain and oil engineering projects.

3.2

This standard uses the line classification method.

4.1 Coding method

4.1.1

The hierarchical coding method is divided into four levels, each of which is a large class, a medium class, a small class, and a fine class.

4.1.2

This code is represented by 8 digits of Arabic numerals. The first layer is a 1-digit number, the other layers are represented by 2 digits, and each layer is coded.

Serial code.

4.1.3

For the code of the category name whose classification ends in a certain middle level, the information processing shall be supplemented with "0" to the total code length of the design, and the standard text is not Make up "0".

4.2 Code Structure

First class

Second class

Third level small class xx--- Code Fourth layer

5 Coding principles

5.1

This standard basically includes the contents of the construction and construction of grain storage and processing projects. All codes only indicate that the facility is in this category.

The location and code in the system do not indicate other meanings, and their order and level are independent of importance.

5.2

This facility classification is based on the type of warehouse and the composition of the construction project.

5.3

The "other" set in the code is the containment category, and all the empty codes in the system can be used for expansion.

6 Food facility classification and code table

For food facility classification and code tables, see Table 1.

Table 1 Food facility classification and code table

Code name description 1 granary 101 warehouse type construction standard 172 10101 flat warehouse

1010101 Su Shicang GB/T 26632

1010102 Simple warehouse

1010103 Line-shaped roof truss warehouse

1010104 Arch Roof Cover

1010105 Combined door type rigid frame warehouse 1010106 reinforced concrete portal steel frame warehouse 1010107 double slope frame roof warehouse 1010108 double T board roof warehouse

1010109 Self-breathing roof

1010110 Metal corrugated board roof warehouse

1010111 Trapezoidal roof truss flat warehouse 1010112 shed warehouse 1010113 vault warehouse

1010199 Other flat warehouse 10102 silo 1010201 reinforced concrete silo 1010202 steel silo

10102021 Lipu steel silo GB/T 26632

Table 1 (continued)

Code name description

10102022 Corrugated steel silo GB/T 26632

10102023 Insulation steel silo

10102024 Other steel silos

1010203 Masonry Silos

1010204 Star warehouse

1010299 Other silos

10103 shallow round warehouse 1010301 reinforced concrete shallow warehouse

10103011 Color steel gusset top cover shallow round warehouse 10103012 reinforced concrete cone shell top cover shallow round warehouse 10103013 reinforced concrete spherical shell top cover shallow round warehouse

10103019 Other top cover shallow round warehouse 1010302 steel plate shallow round warehouse

1010303 Brick round warehouse 1010304 soil round warehouse GB/T 26632

1010399 Other round warehouse 10104 building warehouse

1010401 Reinforced concrete building warehouse 1010402 steel structure building warehouse