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

LS/T 8003-2007

**Examination regulations of technical documents of grain
engineering detail design
(English Translation)**

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Foreword

This point is based on the four food engineering construction standards of the State Food Bureau Office on the establishment of the "Guidelines for the Construction of the Grain Depot Management Information System".

Compilation of the requirements for the preparation of the mission (Guoliang Office Exhibition [2005] No. 186). In the process of preparation, countries, food industries and others were collected.

The current design specifications of the industrial industry refer to the "Review of Construction Drawing Design Documents (Trial)" prepared by the Ministry of Construction, which embodies the food engineering Features. This point has extensively solicited opinions from relevant units and experts in the design, construction drawing review, supervision, construction and installation of the grain industry.

The final draft will be reviewed by the expert review meeting.

The main contents of this main point are from general rules, general plan majors, food technology majors, architecture majors, structural majors, electrical majors, water supply and drainage majors, it consists of 9 parts, including HVAC and Power.

This point is managed by the National Grain Bureau. Zhengzhou Cereals, Oils and Foodstuffs Engineering Design and Design Institute is responsible for the interpretation of specific technical content. Please order in the implementation of this regulation, combined with engineering practice, summing up experience, accumulating information, if you find that you need to modify and supplement, please comments and suggestions Feedback to Zhengzhou Cereals, Oils and Foodstuffs Engineering Architectural Design Institute (140 South Lushan Road, Zhengzhou City, Zip code 450052, fax 0371

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Key points for review of food engineering construction drawing design documents

1 General

1.0.1

In order to guide the review of the construction drawings of food construction drawings, this key point is formulated in accordance with the Regulations on Quality Management of Construction Projects.

1.0.2

This point is for the construction drawing review agency to carry out the technology for the industrial building construction drawing design document (hereinafter referred to as the construction drawing) in the grain project.

Reference for use during sex review. Civil construction parts in food projects, such as office buildings, dormitories, canteens, etc., as well as boiler rooms and water in public works.

Towers, power distribution rooms, etc., may be reviewed in accordance with the "Main Points for Review of Construction Drawings for Construction Drawings" prepared by the Ministry of Construction.

1.0.3

The information submitted by the construction unit for the technical review of the construction drawing design documents shall include the following main contents.

- (1) Approval (copying) documents and attachments of relevant government departments as design basis.
- (2) Review the qualified geotechnical engineering survey (detailed survey) documents.
- (3) Complete construction drawing (including calculation book and indicating the name and version of the calculation software).
- (4) Review other information that needs to be provided.

1.0.4

The technical review of the construction drawing design documents shall include the following main contents.

- (1) Whether it complies with the Compulsory Provisions of Engineering Construction Standards and the mandatory standards and norms for food engineering.

- (2) Whether the foundation and structural design of the foundation are safe.
- (3) Whether the requirements for safe production are met.
- (4) Whether it meets the requirements of the "Deep Provisions on the Preparation of Grain Engineering Design Documents".
- (5) Whether it is in the public interest.
- (6) Whether it meets the requirements for approval (recording) documents of the relevant government departments as the design basis.
- (7) Whether the drawing of the drawing and the seal of the drawing comply with the regulations.

1.0.5

The standards and norms involved in this point are subject to the current standards and specifications.

2 General map professional

Chapter number item review content

2.1 General requirements

- (1) Whether it meets the requirements of the general plan professional in the approval (recording) documents of the relevant government departments.
- (2) Local administrative departments of construction, planning, transportation, fire protection, environmental protection, sanitation and epidemic prevention, civil air defense, and greening, Whether the opinions concerning the general plan profession in the design approval (record) document of this project have been implemented.
- (3) Whether the design documents are complete.
- (4) Whether the engineering construction standards, specifications and procedures adopted are applicable to the project and are valid versions.
- (5) Is the selected standard map a valid version?

2.2 Mandatory provisions

2.2.1

Critical building

obstructive

The buildings (structures) located in the boundary area shall comply with the General Rules for the Design of Civil Buildings GB 50352-2005.

According to the provisions of 4.2.1, the following building protrusions shall not be constructed with the red line of the road and the red line of the land.

- (1) Underground buildings and ancillary facilities, including structural retaining piles, retaining walls, basements, basement floors and its foundation, septic tank, etc.;
- (2) Above-ground buildings and their ancillary facilities, including porches, corridors, balconies, outdoor stairs,, ramps, flowers Pools, fences, platforms, scattered water gullies, basement inlet and outlet vents, basement entrances and exits, collection wells, lighting wells, etc.;
- (3) Other facilities besides municipal public facilities such as pipelines connecting cities in the base