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

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**Regulations to compile the documents of grain engineering
design**

(English Translation)

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Foreword

This standard 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, the food engineering design documents were carefully summarized.

The preparation experience, while referring to the Ministry of Construction and other industrial industry design documents, the depth of the provisions of the design, so that the provisions of the design documents deep the degree requirements reflect the characteristics of food engineering. This regulation has extensively solicited the design, construction, management, supervision, construction and installation of the grain industry.

The opinions of the units and experts will be finalized by the expert review meeting.

This regulation is divided into 4 chapters and 2 appendices. The main contents are general rules, scheme design, preliminary design and construction drawing design. For easy understanding and Applying this regulation, the relevant provisions of the compilation depth are explained.

This regulation is managed by the National Grain Bureau. Zhengzhou Cereals, Oils and Foodstuffs Engineering Architectural 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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Depth provisions for the preparation of grain engineering design documents

1 General

1.0.1

To strengthen the management of the preparation of food engineering design documents, standardize the depth of the preparation of food engineering design documents, and ensure the various stages.

These regulations are formulated for the quality and integrity of the design documents.

1.0.2

These Provisions apply to the construction of warehousing, processing and logistics facilities using grain, oilseeds and their products as raw materials.

1.0.3

Grain engineering design is generally divided into two stages. preliminary design and construction drawing design. If there are special requirements, you can entrust additional plans.

Design phase or other design content.

1.0.4 Principles for the depth of design documentation at each stage

1 The programme design document should meet the needs of the preparation of the preliminary design documents.

Note: For the bidding proposal, the depth of the design documents should meet the requirements of the bidding documents; if the bidding documents are not explicitly required, they can be prepared by referring to these regulations.

2 The preliminary design documents should meet the needs of preparing construction drawing design documents.

3 Construction drawing design documents shall meet the needs of equipment and materials procurement, non-standard equipment commissioning design and engineering construction.

4 When the design contract has additional requirements for the depth of the design documentation, the design documentation should be in depth to meet both the requirements and the design contract.

Requirements.

5 Civil construction projects shall be implemented in accordance with the "Deep Provisions on the Design of Construction Engineering Design Documents" promulgated by the current Ministry of Construction.

6 The preparation of the design documents at each stage shall be based on the project approval documents at the above stages. When the design needs to make major repairs to the approved content when the time is changed, it should be reported to the original examination and approval authority for approval before it can be amended.

7 At each stage of the design, the content and depth of the materials exchanged between the various professions should meet the needs of the corresponding professional design documents.

And in line with the relevant provisions of the state.

8 When the project is separately issued to multiple design units or when designing subcontracting, the design interface should be clearly defined to ensure the design depth requirements. main body the design unit is responsible for the integrity of the design documents.

1.0.5 At each stage of the design, the corresponding design documents are provided in accordance with national regulations, but the electronic version of the design documents is not provided.

1.0.6 In the design, national, industrial and local building standard design should be preferred according to local conditions, and should be listed in the drawing catalogue of the design documents.

Select the name of the atlas and the atlas number; indicate the selected atlas number, the page number and the detail number of the detail in the relevant drawings or design instructions.

1.0.7 The requirements for the depth of design documentation in this regulation are based on the design of a general food project. For specific work the project design can make reasonable choices for the provisions of this regulation according to the content and design scope of the project. When there is a project in the design of the project where the provisions are not covered, they may be supplemented into the design documents in accordance with the principles of 1.0.4 of this regulation.

2.1.1 Composition of the design document

1 Design specifications, including design general instructions and professional design specifications;

2 Investment estimate form;

3 relevant professional design drawings;

4 Design perspectives, models, etc., otherwise specified in the commission or design contract.

2.1.2 Sequence of the design files of the plan

1 cover

Project name, preparation unit, preparation year and month.