



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

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**Code for construction and acceptance of coal mine preparation
equipment installation engineering**

煤矿选煤设备安装工程施工与验收规范

(English Translation)

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- 1 General provisions
 - 1.0.1 This specification is formulated to ensure the construction quality of coal

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preparation equipment installation engineering, unify the construction and acceptance standards of coal preparation equipment installation engineering, promote the advancement of installation technology, and ensure the safe operation of equipment.

1.0.2 This specification applies to the construction and acceptance of coal preparation

equipment installation engineering.

1.0.3 The construction and acceptance of coal preparation equipment installation engineering shall comply with the provisions of relevant national standards in addition to complying with this specification.

3 Basic regulations

3.0.1

The construction site shall be equipped with corresponding technical standards and construction technical documents approved by the technical person in charge of the unit, and shall be provided with a sound quality management system, quality control and inspection system.

3.0.2

The installation engineering of coal preparation equipment shall be constructed according to the design documents. When the design drawings need to be modified during construction, there shall be a design change notice or technical approval certificate provided by the design unit.

3.0.3

Welders shall pass the examination and obtain a qualification certificate, and perform welding within the approved scope of the items for which they have passed the examination.

3.0.4

The installation of coal preparation equipment shall be carried out according to the prescribed procedures; the relevant professional trades shall be handed over and inspected, and records shall be kept; each process shall be subject to quality control according to the construction technical standards, and after each process is completed, it shall be inspected and a construction record shall be kept. The next process cannot be carried out without inspection and approval of the previous process.

3.0.5 Before installing the equipment, the following inspections and acceptances shall

be carried out.

1 Packing list, product certificate, product use and maintenance instructions, product testing and inspection report, equipment installation diagram and other equipment accompanying technical documents;

2 Equipment appearance including corrosion, deformation and damage;

3 Accompanying components such as various parts, components, accessories and special tools.

3.0.6 Before installing the equipment, the equipment foundation shall be inspected and accepted. The equipment foundation inspection and acceptance shall include the foundation cross line, foundation elevation, main reserved bolt hole position and depth, main embedded parts position, embedded bolt position deviation, and whether the foundation surface quality meets the installation requirements.

3.0.7 The materials used in the installation engineering shall comply with the requirements of the design and product standards and shall have a certificate of conformity. The materials shall be inspected and accepted before installation and records shall be kept. New materials or new equipment used in the equipment installation engineering shall be provided with appraisal certificate or test report.

3.0.8 Before equipment foundation grouting and other concealed works are concealed, the construction unit shall notify the relevant units for acceptance and a concealed work acceptance document shall be formed.

3.0.9 The quality acceptance of coal preparation equipment installation engineering shall be carried out according to subdivision work, divisional project and unit project, based on the self-inspection of the construction unit and the qualified pre-acceptance of the supervision unit. The division of unit project, divisional project and subdivision work shall comply with the provisions of Appendix A of this Code. Quality acceptance shall be carried out in accordance with the relevant provisions of the current national standard Unified standard for constructional quality acceptance of industrial installation engineering GB 50252.

3.0.10 The quality acceptance record of equipment installation engineering shall comply with the following provisions.

1 The quality acceptance record of subdivision work shall be carried out in accordance with Appendix B of this Code;

2 The quality acceptance record of divisional project shall be carried out in accordance with Appendix C of this Code;

3 The quality acceptance record of unit project shall be carried out in accordance with Appendix D of this Code;

4 The equipment no-load test run records shall be carried out in accordance with Appendix E of this Code;

5 The perceptual quality acceptance record of unit project shall be carried out in accordance with Appendix F of this Code;

3.0.11 The perceptual quality inspection items of unit project shall comply with the following