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

GB/T 13561.2-2008

Replacing GB/T 13561.2-1992

**Safety code on port's continuous handling facilities - Part
2:Pneumatic shipunloader**

港口连续装卸设备安全规程 第2部分：气力卸船机

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Foreword

GB/T 13561 "port 's continuous handling equipment safety procedures" is divided into four parts.

--- Part 1. Grain silos system;

--- Part 2. Pneumatic unloader;

--- Part 3. belt conveyor, buried scraper conveyor and bucket elevator;

--- Part 4. continuous handling machinery. This section GB/T 13561 Part 2. This Part replaces GB/T 13561.2-1992 "port 's continuous handling facilities - Pneumatic unloader safety regulations." This part of the main technical differences compared with the GB/T 13561.2-1992 as follows:

--- Canceled repealed JB1152, an increase of GB/T 3811, GB/T 14742 and so on, replaced the original GB 3222, JT5014.2;

--- The basic requirements, feed pipe and duct, fan and muffler, electronic control devices, security devices, use and maintenance, inspection and so on scrap The content of the modification and improvement (see this standard 3.1,4.4,4.5,6.2.1,7.6,9.7,10, etc.);

--- Canceled 3.1,3.11,4.8,

8.1 and other pieces;

--- Canceled and Appendix A related body text. This section proposed by the People's Republic of China Ministry of Transportation. This part of the jurisdiction of the Ministry of Communications Port Machinery standard focal point. This section is drafted. Water Transport Ministry of Transport Research Institute, Shanghai Port Machinery Heavy Industry Co., Ltd. The main drafters of this section. Yu Xiaohong, Zhou Aiping, Shang Wei Jun, Lu Fanyi. This part of the standard replaces the previous editions are.

--- GB/T 13561.2-1992. Port of continuous handling equipment safety procedures Part 2. Pneumatic unloader

1 Scope

GB/T 13561.2-2008 is the Chinese national standard on safety code on port's continuous handling facilities - part 2: pneumatic ship unloader, in the field of materials handling equipment. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 27 May 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 December 2008. Classification: ICS 53.040.30, CCS R46. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This section provides pneumatic ship unloader in the design, manufacture, installation, testing, use and maintenance, inspection and repair and scrap and other aspects of security technologies Claim. This section applies to fixed shore, rail, floating tire pneumatic ship unloader.

2 Normative references

The following documents contain provisions which, through reference

GB/T 13561 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 699 high-quality carbon structural steel

GB/T 700 carbon structural steel (GB/T 700-2006, ISO 630.1995, NEQ)

GB/T 985 gas welding, SMAW basic form and GMAW welding groove and size

GB/T 1184 shape and position tolerances without individual tolerance value (GB/T 1184-1996, eqv ISO 2768-2. 1989)

GB/T 1591 high-strength low-alloy structural steel (GB/T 1591-1994, neq ISO 4950. 1981)

GB/T 3811 crane design specifications

GB 3836.1 explosive gas atmospheres with explosion-proof electrical equipment Part 1. General requirements (GB 3836.1-2000, eqv IEC 60079-0.1998)

GB 4053.1 fixed steel ladders Safety Conditions

GB 4053.2 fixed steel inclined ladder safety and technical conditions

GB 4053.3 fixed industrial protective railings Safety Conditions

GB/T 4942.1 overall structure of the rotary motor protection (IP code) Classification (GB/T 4942.1-2006, IEC 60034- 5.2000, IDT)

GB/T 5905 Cranes - Test code and procedures (GB/T 5905-1986, idt ISO 4310. 1981)

3 Basic requirements

3.1 pneumatic ship unloader designed steel structure should include strength, stiffness and stability, strength parts, transport systems and other design tightness content.