

ICS 53.040.10

CCS R46



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

GB/T 13561.3-2009

Replacing GB/T 13561.4-1992

**Safety rules on port's continuous handling facilities - Part 3:
Belt conveyers, mass conveyer and bucket elevator**

港口连续装卸设备安全规程 第3部分：带式输送机、埋刮板输送机和斗式提升机

Issued on: March 31, 2009

Implemented on: November 1, 2009

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of China**

Table of Contents

- 1 Scope
- 2 Normative references
- 3 Basic requirements

Foreword

GB/T 13561 "port 's continuous handling facilities safety rules" consists of four parts.

--- Part 1. Grain silos system;

--- Part 2. Pneumatic unloader;

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

--- Part 6. continuous handling machinery. This section GB/T 13561 Part 3. This Part replaces GB/T 13561.3-1992 "port 's continuous handling equipment safety procedures Belt", GB/T 13561.4- 1992 "Port continuous handling equipment safety procedures buried scraper conveyor", GB/T 13561.5-1992 "port 's continuous handling equipment safety regulations Cheng bucket elevator. " This section GB/T 13561.3-1992, GB/T 13561.4-1992, GB/T 13561.5-1992 three Part integrate revised. This portion of the GB/T 13561.3-1992, GB/T 13561.4-1992, GB/T 13561.5-1992 compared to the main differences are as follows:

--- Specifies the operation of noisy equipment requirements (see 3.1.6);

--- Modify the belt conveyor speed requirements (see 4.2.3);

--- Clear buried scraper conveyor tensioning stroke of specific size requirements (see 4.7.1);

--- Clear the security requirements for transport (see

--- Increasing the continuous conveyor material handling systems start and stop sequence requirements (see 6.7). This part is proposed by the Ministry of Transport of the People's Republic of China. This part of the jurisdiction of the Ministry of Transport and Port Machinery standard focal point. This section is drafted. Water Transport Ministry of Transport Institute of Science, Electrical and Mechanical Engineering Co., Ltd. Hubei Yidu. The main drafters of this section. Cuiruo Dong, Wang Zhuanping, Chen Li Xin, Ding Min. This part of the standard replaces the previous editions are.

--- GB/T 13561.3-1992;

--- GB/T 13561.4-1992;

--- GB/T 13561.5-1992. Port of continuous handling equipment safety procedures Part 3. belt conveyor, buried scraper conveyor and Bucket elevator

1 Scope

GB/T 13561.3-2009 is the Chinese national standard on safety rules on port's continuous handling facilities - part 3: belt conveyers, mass conveyer and bucket elevator, 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 31 March 2009 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 November 2009. Classification: ICS 53.040.10, 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 GB/T 13561 specifies the port belt conveyor, buried scraper conveyors and bucket elevators in the design, manufacture, use, security Support and maintenance, and scrap and other aspects of safety requirements. This section applies to port handling, storage silos belt conveyor, buried scraper conveyor, bucket elevator (hereinafter referred to as continuous conveyor).

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 986 submerged arc weld groove basic form and size

GB/T 987 Belt Basic parameters and dimensions

GB/T 988 conveyor pulleys - Basic parameters and dimensions

GB/T 990 Belt Conveyor Idler basic parameters and dimensions

GB/T 1184-1996 shape and position tolerances without individual tolerance value (eqv ISO 2768-2. 1989) GB/T 1348 Ductile Iron

GB/T 2828.1-2003 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch test sample Program (ISO 2859-1.1999, IDT)

GB 4208 housing protection (IP Code) (GB 4208-2008, IEC 60529.2001, IDT)

GB/T 7984 conveyor belt cover layer having a rubber or plastic general-purpose fabric conveyor belt (

GB/T 7984-2001, eqvISO /FDIS14890.1990)

3 Basic requirements

3.1 Working temperature. -20 °C ~ 45 °C.