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International Standard ISO 7149

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION•МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ•ORGANISATION INTERNATIONALE DE NORMALISATION

Continuous handling equipment — Safety code — Special rules

Engins de manutention continue — Code de sécurité — Règles particulières

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Descriptors : handling equipment, conveyors, continuous conveyors, belt conveyors, apron conveyors, bucket conveyors, scraper conveyors, truck conveyors, overhead conveyors, tray conveyors, swing-tray conveyors, screw conveyors, chutes, hydraulic conveyors, pneumatic conveyors, elevators (lifts), safety requirements.

Price based on 24 pages

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 7149 was developed by Technical Committee ISO/TC 101, *Continuous mechanical handling equipment*, and was circulated to the member bodies in August 1980.

It has been approved by the member bodies of the following countries :

Australia	France	Romania
Austria	Germany, F.R.	Spain
Belgium	Mexico	Sweden
Czechoslovakia	Netherlands	United Kingdom
Egypt, Arab Rep. of	Norway	USSR
Finland	Poland	

No member body expressed disapproval of the document.

This International Standard cancels and replaces the following International Standards : ISO 1821-1975, 2125-1975, 2149-1975, 2150-1975, 2196-1975, 2381-1972, 2387-1972, 2388-1972, 2389-1972, 2390-1972, 2391-1972, 2392-1972, 3263-1974, 3264-1974, 3276-1975, 3277-1974, 3278-1974, 3279-1974, 3280-1974, 3281-1974, 3283-1974, 5028-1977, 5030-1977, 5035-1977, 5036-1977, 5037-1977, 5038-1977, 5039-1977, 5040-1977 and 5043-1977, of which it constitutes a technical revision.

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Continuous handling equipment — Safety code — Special rules

1 Scope

This International Standard specifies, in addition to the general safety rules set out in ISO 1819, the special safety rules to various types of conveyors defined in clause 2.

2 Field of application

The safety rules laid down in this International Standard apply to the following types of conveyors :

1 Mobile conveyors not self propelled

2 Belt conveyors

3 Throwing machines

4 Picking and assembly table conveyors

5 Slat conveyors and apron conveyors

6 Bucket elevators

7 Scraper conveyors and "en masse" conveyors

8 Single strand floor truck conveyors

9 Overhead conveyors

10 Suspended swing-tray and fixed tray or similar conveyors or elevators

11 Screw feeders and conveyors

12 Live roller conveyors

13 Vibratory conveyors

14 Roller and wheel conveyors

15 Chutes

16 Hydraulic conveyors

17 Pneumatic continuous handling appliances

18 Light-weight vertical tray elevators

19 Transfer points

20 Mobile supporting structures for continuous handling equipment

3 References

ISO 1819, *Continuous mechanical handling equipment — Safety code — General rules.*

ISO 2148, *Continuous handling equipment — Nomenclature.*

ISO 5049/1, *Mobile continuous bulk handling equipment — Part 1 : Rules for the design of structures.*

4 Special safety rules

4.1 Mobile conveyors not self propelled

4.1.1 Field of application

4.1.1.1 These safety rules apply to conveyors described as follows :

Mobile units on wheels that are not self propelled, carrying continuous handling equipment, whether adjustable in height or not.