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# INTERNATIONAL STANDARD



# 3279

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

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## Continuous mechanical handling equipment for unit loads — Hydraulic conveyors — Safety code

*Engins de manutention continue pour charges isolées — Transporteurs par voie hydraulique — Code de sécurité*

First edition — 1974-12-15

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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 3279 was drawn up by Technical Committee ISO/TC 101, *Continuous mechanical handling equipment*, and circulated to the Member Bodies in December 1973.

It has been approved by the Member Bodies of the following countries :

|                     |             |                       |
|---------------------|-------------|-----------------------|
| Australia           | India       | South Africa, Rep. of |
| Belgium             | Ireland     | Spain                 |
| Canada              | Italy       | Sweden                |
| Czechoslovakia      | Japan       | Thailand              |
| Egypt, Arab Rep. of | Netherlands | Turkey                |
| Finland             | New Zealand | United Kingdom        |
| France              | Poland      | U.S.S.R.              |
| Germany             | Romania     | Yugoslavia            |

No Member Body expressed disapproval of the document.

# Continuous mechanical handling equipment for unit loads — Hydraulic conveyors — Safety code

## 1 SCOPE

This International Standard specifies, in addition to the general safety rules set out in ISO/R 1819, the special safety rules for the following continuous mechanical handling equipment for unit loads : hydraulic conveyors.

## 2 FIELD OF APPLICATION

The safety rules laid down in this International Standard apply regardless of the use for which the equipment is intended.

These safety rules limit the supplier's responsibility to continuous mechanical handling equipment properly so called, excluding the structures to which such equipment is fixed.

## 3 REFERENCES

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

ISO 2392, *Continuous mechanical handling equipment for loose bulk materials — Hydraulic conveyors — Safety code.*

## 4 SPECIAL SAFETY RULES

The construction and operation for hydraulic conveyors shall meet

- the legal and local requirements relating to safety in general (see appendix Z of ISO/R 1819),
- the principles laid down in clause 1 of ISO/R 1819,
- the general rules laid down in clause 2 of ISO/R 1819,
- the special rules laid down in ISO 2392,
- the following special rule :

### 4.1 In the construction stage (design and manufacture)

In the special case of hydraulic conveying of containers, the receiving station of the units conveyed shall be designed with braking devices, preventing excessive shocks at the discharge point.