

# ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

*transp*

## ISO RECOMMENDATION

### R 2125

CONTINUOUS MECHANICAL HANDLING EQUIPMENT FOR LOOSE BULK MATERIALS

VIBRATING FEEDERS AND CONVEYORS,  
SHAKING OR RECIPROCATING FEEDERS  
AND OSCILLATING CONVEYORS

SAFETY CODE

1st EDITION

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## BRIEF HISTORY

The ISO Recommendation R 2125, *Continuous mechanical handling equipment for loose bulk materials – Vibrating feeders and conveyors, shaking or reciprocating feeders and oscillating conveyors – Safety code*, was drawn up by Technical Committee ISO/TC 101, *Continuous mechanical handling equipment*, the Secretariat of which is held by the Association Française de Normalisation (AFNOR).

Work on this question led to the adoption of Draft ISO Recommendation No. 2125, which was circulated to all the ISO Member Bodies for enquiry in October 1970.

The Draft was approved, subject to a few modifications of an editorial nature, by the following Member Bodies :

Australia	India	Sweden
Austria	Japan	Thailand
Belgium	Netherlands	U.A.R.
Czechoslovakia	New Zealand	United Kingdom
France	South Africa, Rep. of	U.S.A.
Germany	Spain	U.S.S.R.

No Member Body opposed the approval of the Draft.

This Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided to accept it as an ISO RECOMMENDATION.

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**AND OSCILLATING CONVEYORS**  
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**1. SCOPE**

This ISO Recommendation specifies, in addition to the general safety rules set out in ISO Recommendation R 1819, *Continuous mechanical handling equipment – Safety code – General rules*, the special safety rules for the following continuous mechanical handling equipment for loose bulk materials : vibrating feeders and conveyors, shaking or reciprocating feeders, oscillating conveyors.

**2. FIELD OF APPLICATION**

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

These safety rules limit the supplier's responsibility to continuous mechanical handling equipment proper, excluding the structures to which such equipment is affixed.

**3. SPECIAL SAFETY RULES**

The construction and operation for vibrating feeders and conveyors, shaking or reciprocating feeders, and oscillating conveyors, should meet

- the legal and local requirements relating to safety in general\*;
- the principles laid down in section 1 of ISO Recommendation R 1819;
- the general rules laid down in section 2 of ISO Recommendation R 1819;
- the following special rules :

**3.1 In the construction stage (design and manufacture)**

**3.1.1** In compliance with rule 2.1.1 of ISO Recommendation R 1819, special care should be taken to study the effects of dynamic stresses.

**3.1.2** Guiding and centering devices for the materials should be provided, if necessary, at the feed points.

\* See Appendix Z of ISO Recommendation R 1819.