This is a preview of "ISO 3691:1980". Click here to purchase the full version from the ANSI store.

## International Standard



3691

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

## Powered industrial trucks — Safety code

Chariots automoteurs - Code de sécurité

Second edition - 1980-11-15

"The American National Standards Institute (ANSI) is the primary source and official sales agent for ISO standards in the United States. ANSI was granted an exclusive license to distribute and sell ISO standards, technical reports, drafts and other priced publications within the U.S.A Under this license agreement ISO has granted to ANSI the right to reproduce ISO standards and drafts within the territories of the United States".

UDC 621.868.2:331.823

Ref. No. ISO 3691-1980 (E)

Descriptors: handling equipment, industrial trucks, self-propelled machines, safety requirements, control devices, driving direction, brakes (motion arresters), accident prevention, name plate, maintenance, technical data sheets



## This is a preview of "ISO 3691:1980". Click here to purchase the full version from the ANSI store.

## **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 3691 was developed by Technical Committee ISO/TC 110. *Industrial trucks*.

This second edition incorporates Addendum 1-1978 and draft Addendum 2, which were circulated to the member bodies in January 1977 and October 1978 respectively. It cancels and replaces the first edition, i.e. ISO 3691-1977.

The second edition has been approved in its entirety by the member bodies of the following countries:

Austria Netherlands Sweden
Belgium Poland Switzerland
Czechoslovakia Romania USA
France South Africa, Rep. of USSR
India Spain Yugoslavia

Addendum 1-1978 was approved by the member bodies of the following additional countries:

Brazil Germany, F.R. New Zealand Bulgaria Italy Turkey

Denmark Japan

Finland Korea, Rep. of

Draft Addendum 2 was approved by the member bodies of the following additional countries:

Denmark Japan Mexico

United Kingdom

The member bodies of the following countries expressed disapproval of the first edition of ISO 3691 or of the Addenda 1 and 2, circulated in 1975:

Germany, F.R. Japan New Zealand United Kingdom

The member bodies of the following countries expressed disapproval of Addendum 1-1978:

Australia United Kingdom

The member bodies of the following countries expressed disapproval of draft Addendum 2:

Australia Germany, F.R. New Zealand

© International Organization for Standardization, 1980 ●

Printed in Switzerland

This is a preview of "ISO 3691:1980". Click here to purchase the full version from the ANSI store.

| СО   | NTENTS  | Page |
|--|---|------|
| SEC  | CTION ONE : GENERAL   |      |
| 1  | Scope and field of application  | 1    |
| 2  | References  | 1    |
| 3  | Nomenclature, classification and definitions  | 1    |
| SECTION TWO: FOR THE MANUFACTURER OF POWERED INDUSTRIAL TRUCKS                             |   |      |
| 4  | Rated capacity  | 1    |
| 5  | Information plates  | 2    |
| 6  | Stability — Requirements and tests  | 3    |
| 7  | Brake performance   | 4    |
| 8  | Direction of travel — Controls  | 4    |
| 9  | Control symbols   | 13   |
| 10   | Requirements for power systems and accessories  | 13   |
| 11   | Systems and components for lifting, tilting and other movements                               | 15   |
| 12   | Protective devices  | 16   |
| 13   | Ergonomic and other environmental factors   | 17   |
| SECTION THREE: FOR THE APPLICATION, OPERATION AND MAINTENANCE OF POWERED INDUSTRIAL TRUCKS |   |      |
| 14   | Operating safety rules and practices for the user and the operator                            | 17   |
| 15   | Maintenance practices   | 24   |
| Anı  | nexes   |      |
| Α  | List of national safety regulations, codes and standards concerning powered industrial trucks | 26   |
| В  | Example of a check form   | 35   |