

SLOVENSKI STANDARD
SIST EN 24180-1:1996**01-avgust-1996**

Embalaža - Celovita, napolnjena transportna embalaža - Splošna pravila za določanje programa preskusov o primernosti za uporabo - 1. del: Splošna načela (ISO 4180-1:1980)

Complete, filled transport packages - General rules for the compilation of performance test schedules - Part 1: General principles (ISO 4180-1:1980)

Versandfertige Packstücke - Allgemeine Regeln für die Erstellung von Prüfplänen - Teil 1: Allgemeine Grundsätze (ISO 4180-1:1980)

Emballages d'expédition complets et pleins - Regles générales pour l'établissement de programme d'essais d'aptitude a l'emploi - Partie 1: Principes généraux (ISO 4180-1:1980)

Ta slovenski standard je istoveten z: EN 24180-1:1992

ICS:

55.180.40	Celovita, napolnjena transportna embalaža	Complete, filled transport packages
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SIST EN 24180-1:1996**en**

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EUROPEAN STANDARD

EN 24180-1:1992

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 1992

UDC 621.798.1:620.165.7

Descriptors: Packaging, transport packing, complete- and filled packages, operating requirements, tests, performance tests, testing conditions

English version

**Complete, filled transport packages - General rules
for the compilation of performance test schedules
- Part 1: General principles (ISO 4180-1:1980)**

Emballages d'expédition complets et pleins - Versandfertige Packstücke - Allgemeine Regeln
Règles générales pour l'établissement de programme d'essais d'aptitude à l'emploi - für die Erstellung von Prüfplänen - Teil 1:
Partie 1: Principes généraux (ISO 4180-1:1980) Allgemeine Grundsätze (ISO 4180-1:1980)

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This European Standard was approved by CEN on 1992-10-30. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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Foreword

In 1991, ISO 4180-1:1980 "Complete, filled transport packages - General rules for the compilation of performance test schedules - Part 1: General principles" was submitted to the CEN Primary Questionnaire procedure.

Following the positive result of the CEN/CS Proposal ISO 4180-1:1980 was submitted to the Formal Vote.

The result of the Formal Vote was positive.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 1993, and conflicting national standards shall be withdrawn at the latest by May 1993.

According to the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.

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Endorsement notice

The text of the International Standard ISO 4180-1:1980 was approved by CEN as a European Standard without any modification.

International Standard



4180/1

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

Complete, filled transport packages — General rules for the compilation of performance test schedules — Part 1 : General principles

*Emballages d'expédition complets et pleins — Règles générales pour l'établissement de programmes d'essais d'aptitude à l'emploi —
Partie 1 : Principes généraux*

First edition — 1980-08-01

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UDC 621.798.1 : 620.16

Ref. No. ISO 4180/1-1980 (E)

Descriptors : packages, transport packages, complete and filled packages, performance tests, testing conditions.

Price based on 5 pages

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 4180/1 was developed by Technical Committee ISO/TC 122, *Packaging*, and was circulated to the member bodies in March 1979.

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

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Denmark	Netherlands	Yugoslavia
Egypt, Arab Rep. of	New Zealand	
France	Poland	

The member body of the following country expressed disapproval of the document on technical grounds :

Italy

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Complete, filled transport packages — General rules for the compilation of performance test schedules — Part 1 : General principles

0 Introduction

This International Standard has been prepared in order to fulfil a need of organizations concerned with the compilation of test schedules for complete, filled transport packages.

Such test schedules can be as diverse as the journeys that packages undergo. Accordingly, this International Standard is intended to set guidelines for the compilation of appropriate test schedules, rather than to provide a rigid framework or to be specified by regulatory or other authorities.

It is expected that, once compiled, a particular test schedule, including the test methods and intensities to be applied, could be the subject of International Standards or would become a matter for agreement between the parties concerned, for example the package designer, the manufacturer of the contents, the transport authority, the customer, the statutory regulating body, or any combination of them.

1 Scope and field of application

This International Standard establishes general rules to be used for the compilation of performance test schedules for complete, filled transport packages intended for use within any distribution system, whether transported by road, rail, sea, air or inland waterway, or by a combination of these modes of transport.

This part states the general principles entailed in compiling test schedules.

It also gives the factors to be considered in assessing the criteria of acceptance of such packages after they have been subjected to a package performance test schedule.

ISO 4180/2 incorporates all the quantitative data necessary to establish test intensities and other quantitative features of test schedules.

The two parts are intended to be read in conjunction with one another.

2 References

ISO 2206, *Packaging — Complete, filled transport packages — Part 1 : Identification of parts when testing.*

ISO 2233, *Packaging — Complete, filled transport packages — Part 2 : Conditioning for testing.*

ISO 2234, *Packaging — Complete, filled transport packages — Part 3 : Stacking test.*

ISO 2244, *Packaging — Complete, filled transport packages — Part 5 : Horizontal impact tests (inclined plane test; pendulum test).*

ISO 2247, *Packaging — Complete, filled transport packages — Part 6 : Vibration test.*

ISO 2248, *Packaging — Complete, filled transport packages — Part 4 : Vertical impact test by dropping.*

ISO 2872, *Packaging — Complete, filled transport packages — Part 7 : Compression test.*

ISO 2873, *Packaging — Complete, filled transport packages — Part 8 : Low pressure test.*

ISO 2874, *Packaging — Complete, filled transport packages — Part 9 : Stacking test using compression tester.*

ISO 2875, *Packaging — Complete, filled transport packages — Part 10 : Water spray test.*

ISO 2876, *Packaging — Complete, filled transport packages — Part 11 : Rolling test.*

ISO 4180/2, *Complete, filled transport packages — General rules for the compilation of performance test schedules — Part 2 : Quantitative data.*

3 Definitions

3.1 performance test schedule : A single laboratory test, or series of tests, intended to ascertain the performance, under working conditions, of the subject under test.