

Australian Standard™

AS 2582.7

**Complete, filled transport packages—
Methods of test****Method 7: Low pressure test**

PREFACE

This Standard was prepared by Standards Australia Committee PK-012, Physical Testing of Packages and Containers, to supersede AS 2582.7—1983, *Complete, filled transport packages—Methods of test, Part 7: Low pressure test*. This Standard is identical with and has been reproduced from ISO 2873:2000, *Packaging—Complete, filled transport packages and unit loads—Low pressure test*.

As this Standard is reproduced from an International Standard, the following modification apply:

- (a) Its number does not appears on each page of text and its identity is shown on the cover and title page.
- (b) In the source text, 'this International Standard' should read 'this Australian Standard.'
- (c) Substitute a full point for a comma when referring to a decimal marker.

References to International Standards should be replaced by references to equivalent Australian Standards as follows:

<i>Reference to International Standard</i>		<i>Australian Standard</i>	
ISO		AS	
2206	Packaging—Complete, filled transport packages—Identification of parts when testing	2582	Complete, filled transport packages—Methods of test
		2582.1	Part 1: Identification of parts when testing
2233	Packaging—Complete, filled transport packages and unit loads—Conditioning for testing	2582.2	Part 2: Conditioning for testing

INTRODUCTION

It is the responsibility of the user of this International Standard to establish appropriate health and safety practice in accordance with relevant legislation.

1 Scope

This International Standard specifies a method for subjecting complete, filled transport packages and unit loads to conditions of low air pressure similar to those encountered in aircraft.

This method is applicable to complete, filled transport packages and unit loads which are intended to be transported in pressurized aircraft flying at any altitude and in unpressurized aircraft flying at 3 500 m or less.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

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

ISO 2233, *Packaging — Complete, filled transport packages and unit loads — Conditioning for testing*.

3 Term and definition

For the purposes of this International Standard, the following term and definition applies.

3.1

test item

a complete filled transport package or unit load

4 Principle

The test item is placed in a pressure chamber, and the pressure in the chamber reduced to that corresponding to an altitude of 3 500 m. This pressure is approximately equal to that in pressurized aircraft flying at any higher altitude. The pressure is then held for a predetermined period after which it is permitted to return to ambient pressure.

NOTE While the pressure is held for the predetermined period, the temperature may also be maintained to that corresponding to the same altitude (see annex A, Table A.1).