

Australian Standard™

**Yachting harnesses and lines —
Conventional lines**

STANDARDS
Australia



This Australian Standard was prepared by Committee CS-051, Yachtsmen's Safety Harnesses and Lines. It was approved on behalf of the Council of Standards Australia on 19 January 2006.

This Standard was published on 10 February 2006.

The following are represented on Committee CS-051:

Australian Industry Group
Boating Industry Association of Australia
Engineers Australia
N.S.W. Department of Sport and Recreation
Maritime Safety Queensland
Maritime Safety Victoria
Roads and Traffic Authority of N.S.W.
Tasmania Maritime Network
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Original as AS 2227—1978.
Previous edition 1992.
Fifth edition 2006.

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Published by Standards Australia, GPO Box 476, Sydney, NSW 2001, Australia

ISBN 0 7337 7247 1

PREFACE

This Standard was prepared by the Standards Australia Committee CS-051, Yachtsman's Safety Harnesses and Lines to supersede AS 2227—1992. The major change in this edition is the specification of separate line and harness tests. The Committee feels it is no longer current thinking to test the line and harness together.

The objective of this Standard is to provide manufacturers and suppliers of yachting harnesses and conventional lines with requirements for their design, performance and marking to ensure they are suitable for use in the marine environment.

The term 'normative' has been used in this Standard to define the application of the appendix to which it applies. A 'normative' appendix is an integral part of a Standard.

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Yachting harnesses and lines—Conventional lines

1 SCOPE

This Standard specifies requirements for harnesses and lines for use by yachtsmen, including children. It includes general design requirements, constructional requirements, test methods and requirements for individual components, together with dynamic load tests. The lines covered by this Standard are those that require manual declipping at the boat anchorage point.

This Standard applies to harnesses and lines for use by yachtsmen engaged in both offshore (including ocean racing) and inshore (including trailerable yachts) activities.

It is not applicable to dinghy ‘trapeze’ harnesses, windsurfing harnesses, seat harnesses for fast motor boats and harnesses intended to provide protection from falling from a height.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

1753 Webbing for restraining devices for occupants of motor vehicles

AS/NZS

1891 Industrial fall-arrest system and devices

1891.1 Part 1: Safety belts and harnesses

EN

892 Mountaineering equipment—Dynamic mountaineering ropes—Safety requirements and test methods

3 DEFINITIONS

For the purpose of this Standard, the definitions below apply.

3.1 Adjusting buckle

A buckle used primarily for the adjustment of harness fitment.

3.2 Attachment point

A strong point of connection on a harness, line or vessel.

3.3 Crotch strap

A holding down device attached to the harness and worn between the legs.

3.4 Harness

An arrangement of webbed straps that provides an attachment point and is securely fitted to the wearer.

3.5 Holding down device

Crotch and thigh straps, integration or attachment to clothing worn between the legs.

3.6 Keeper

A device used to prevent a harness strap from slipping through a buckle.