This is a free page sample. Access the full version online.

AS/NZS 5848:2000

Australian/New Zealand Standard™

Code of practice for bungy jumping

Standards Australia

STANDARDS NEW ZEALAND
Paerewa Aotearoa

This is a free page sample. Access the full version online.

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee SF/44, Bungy Jumping. It was approved on behalf of the Council of Standards Australia on 31 July 2000 and on behalf of the Standards Council of New Zealand on 22 February 2000. It was published on 19 October 2000.

The following interests are represented on Committee SF/44:

AJ Hackett Bungy Queenstown
Bungy Consultants New Zealand Ltd
Bungy Jumpmasters Association, New Zealand
Bureau Veritas Certification Services
Bureau Veritas, New Zealand
Civil Aviation Authority of New Zealand
Construction, Forestry, Mining and Energy Union, New South Wales
New Zealand Department of Labour – Occupational Safety and Health
New Zealand Mountain Safety Council
Pipeline Bungy, Queenstown
Taupo Bungy
WorkCover Authority of New South Wales
Workplace Standards Authority, Tasmania

In addition to the above, representatives from the following assisted the Committee:

A.J. Hackett Bungy, Cairns
BungyPro
Hanmer Springs Bungy
Material Performance Technologies
Rebounding

Keeping Standards up-to-date

Standards are living documents which reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued. Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments which may have been published since the Standard was purchased.

Detailed information about joint Australian/New Zealand Standards can be found by visiting the Standards Australia web site at www.standards.com.au or Standards New Zealand web site at www.standards.co.nz and looking up the relevant Standard in the on-line catalogue.

Alternatively, both organizations publish an annual printed Catalogue with full details of all current Standards. For more frequent listings or notification of revisions, amendments and withdrawals, Standards Australia and Standards New Zealand offer a number of update options. For information about these services, users should contact their respective national Standards organization.

We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Please address your comments to the Chief Executive of either Standards Australia International or Standards New Zealand at the address shown on the back cover.

This Standard was issued in draft form for comment as DR 98081.

This is a free page sample. Access the full version online.

Australian/New Zealand Standard™

Code of practice for bungy jumping

First published in New Zealand as NZS 5848:1990.

Published as an Australian/New Zealand Standard AS/NZS 5848:1992.

Jointly revised and published as AS/NZS 5848:2000.

COPYRIGHT

© Standards Australia/Standards New Zealand

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher.

Jointly published by Standards Australia International Ltd, GPO Box 5420, Sydney, NSW 2001 and Standards New Zealand, Private Bag 2439, Wellington 6020

ISBN 0 7337 3901 6

This is a free page sample. Access the full version online.

PREFACE

This Standard is issued as a joint Standard under the terms of the Active Co-operation Agreement between Standards Australia and Standards New Zealand. It has been extensively modified since it was first released in 1992. Modifications include a more practicable testing regime for bungy cords and attachments, and also changes to reflect experience gained by operators over the last 7 years.

Where appropriate, dual clauses are used. These clauses commencing with either the words, "In New Zealand:" or, "In Australia:", indicate requirements deemed necessary for one country only.

Bungy jumping is a new form of recreation. In 1989, and the beginning of 1990, three incidents occurred in New Zealand when bungy jumping resulted in serious injury. The risk of injury to themselves and to the public was recognized by the operators. Through the New Zealand Bungy Jumping Federation they requested that a Code of Practice be developed with the objective and purpose of controlling the risks, and to ensure the safety of the public and operators.

It is accepted within our present society that opportunities for people to experience a thrilling activity are provided. Where there is a potential for injury or death, then control of the risk is essential. This Code provides the standards on which to base the management of the inherent risks. The Code itself will not control the risks involved. This depends on compliance with the Code by each and every operator.

This Code follows a logical sequence in its layout, starting with an operator opening a new site that requires approval from various authorities depending on the site and the nature of the equipment used.

There are several ways of operating bungy jumping. The jumper can arrive at the jump point as a pedestrian, or by being lifted up to the jump point by helicopter, by crane or other lifting appliance, or the jumper may be propelled from the ground by an extended bungy used as a catapult.

In Australia the types of bungy jumping permitted in each State and Territory varies. Operators should check with the appropriate regulatory authority as to the type of bungy jumping permitted and the applicability of this Standard.

There are at present two types of platform used. Static platforms are attached to a permanent structure (e.g. a bridge) or located on the ground. Mobile platforms are attached to a lifting appliance (e.g. crane). There is also the use of a heli-platform (i.e. using a helicopter as a platform for jumping). This Standard recognizes the different safety considerations of jumping over land or water and makes provisions for both types of operations.

The preparation, testing and checking of equipment precedes any operation and each day's operation. Similarly staff selection and training is essential before public operation begins. The Standard provides the framework for the operating procedures. Sites and equipment vary greatly, so each site will require its own operating manual. The content and standards required in the operating manual are set out in the Standard. The risk of serious injury makes provision for emergency procedures essential.

In operations of this kind, standards need to be set and complied with in the early stages of operation. It is easy for complacency and lower standards to become normal when the operation is proceeding without undesired incidents occurring. This must be guarded against.

The use of dynamic loads in the calculation of the safe working load of platforms will be considered at the next revision of the Standard.

The term "informative" is used in this Standard to define the application of the appendix to which it applies. An "informative" appendix is only for information and guidance.

This is a free page sample. Access the full version online.

CONTENTS

Page

COMMITTEE REPRESENTATION ..... IFC
PREFACE 2
RELATED DOCUMENTS 5

PART 1 SITE AND OPERATING APPROVAL, SITE AND EQUIPMENT DESIGN, CONSTRUCTION AND TESTING 6

101 SCOPE 6
102 INTERPRETATION 6
103 REFERENCES 6
104 DEFINITIONS 6
105 CLASSIFICATION OF BUNGY JUMPING SITES AND OPERATIONS 10
106 SITE AND OPERATING REQUIREMENTS OR APPROVAL 11
107 PLATFORM – RAISED STATIC 11
108 PLATFORM – MOBILE 12
109 PLATFORM – STRUCTURE CATAPULT LAUNCH 15
110 PLATFORM – CRANE CATAPULT LAUNCH 17
111 PLATFORM – HELICOPTER REQUIREMENTS 18
112 RESTRAINT OF PERSONS ON ELEVATED PLATFORMS 19
113 BUNGY CORD SPECIFICATION 19
114 PERFORMANCE AND TESTING OF BUNGY CORDS 20
115 JUMPER HARNESS AND ANKLE STRAPPING 22
116 ROPES AND CABLES 23
117 HARDWARE AND WEBBING 23
118 RESTRAINT BELTS AND FALL-ARREST HARNESSES 23
119 TESTING AND INSPECTION 23
120 REPLACEMENT OF RIGGING AND EQUIPMENT 24
121 IDENTIFICATION OF ITEMS OF EQUIPMENT, RIGGING, BUNGY AND SAFETY EQUIPMENT 24
122 LANDING/RECOVERY AREA INCLUDING THE AREA IMMEDIATELY UNDER THE JUMP SPACE 25
123 FENCES 26
124 STORAGE 26
125 LIGHTING 26
126 JUMP AND LAUNCH ZONES AND SAFETY SPACES 27
127 PUBLIC AREAS AND AMENITIES 30
128 ACCESS 30
129 COMMUNICATION 30

PART 2 MANAGEMENT AND OPERATIONAL PROCEDURES 32

201 SAFETY AND LOSS CONTROL MANAGEMENT 32
202 STAFF AND DUTIES 32
203 TRAINING 34
204 REGISTER OF BUNGY JUMPMASTERS (APPLICABLE IN NEW ZEALAND ONLY) 34
205 ENTRY QUALIFICATIONS (GENERAL) 34
206 ENTRY QUALIFICATIONS (JUMPMASTER) 35
207 APPLICATIONS – NEW ZEALAND ONLY 35

SAI GLOBAL

This is a free preview. Purchase the entire publication at the link below:

Product Page

Looking for additional Standards? Visit Intertek Inform Infostore

Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation