



RIGCOM

Rope - Height - Wind - Engineering



Inspection & Maintenance Guide

Height Safety Equipment

www.rigcom.com.au

Inspection & Maintenance Guide - Height Safety Equipment

Inspection and maintenance of fall protection equipment should be carried out by a Height Safety Equipment Inspector and records kept showing the inspection periods and re-entry into service. Manufacturer's instruction manuals should be read and inspection / service requirements understood in order to maintain the service life of the equipment.

Items	Reference	Inspection Frequency (Note 1)
Personal equipment including harnesses, lanyards, connectors, fall-arrest devices including common use devices	Clause 9.2	Inspection by a Height Safety Operator (see Note 2) before and after each use
Harnesses, lanyards, associated personnel equipment	Clause 9.3.2	6-monthly inspection by a Height Safety Equipment Inspector (see Note 3)
Fall-arrest devices (external inspection only)	Clause 9.3.4(a)	
Ropes and slings	Clause 9.7	
Anchorage - drilled-in type or attached to timber frames	Clause 9.3.3	12-monthly inspection by a Height Safety Equipment Inspector (see Note 3)
Anchorage - other types	Clause 9.3.3	Frequency of inspection by a Height Safety Equipment Inspector as recommended by the manufacturer to a maximum of 5-yearly. 12-monthly inspection in the absence of such recommendations (see Note 3)
Fall-arrest devices - full service	Clause 9.3.4(b)	
Horizontal and vertical lifelines: Steel rope or rail	Clause 9.3.5	
Horizontal or vertical lifelines: Fibre rope, Webbing	Clauses 9.3.5 & 9.7	6-monthly inspection by a Height Safety Equipment Inspector (see Note 3).
All items of personal and common use equipment	Clause 9.4	Inspection by a Height Safety Equipment Inspector on entry or re-entry into service (see Note 3)
All items which have been stressed as a result of a fall	Clause 9.5	Inspection by a Height Safety Equipment Inspector before further use (see Note 3)

Notes

1. Where used in harsh conditions, more frequent inspection may be required.
2. If the user or operator of the equipment is not competent to carry out this inspection it is to be undertaken by another person who is competent, see Clause 9.2.
3. All inspections other than those by the operator are to be documented, see Clause 9.10.

Source: AS/NZS1891.4:2009 - Section 9 - Inspection, Maintenance & Storage

Inspection & Maintenance Guide - Height Safety Equipment cont.

Records of inspections and maintenance must be recorded in an inspection and maintenance log maintained by the company. The table below, which is found in AS/NZS 1891.4, Section 9, details the information that should be recorded and made available to operators, users of the equipment and regulators as required.

Items to be Recorded	Harnesses, lineworkers body belts & assemblies	Lanyard assemblies & pole straps	Type 1 fall-arrest devices including anchorage line	Type 2/3 fall-arrest devices	Mobile attachment devices	Fixed anchorages, horizontal lifelines & rails
Manufacturer's supplier's or installer's name and address	✓	✓	✓	✓	✓	✓
Manufacturer's batch number	✓	✓	✓	✓	-	-
Serial or identifying number	✓	✓	✓	✓	✓	✓
Year of manufacture	✓	✓	✓	✓	✓	-
Details of recommended connections to harnesses	-	✓	✓	✓	-	-
Type of anchorage line to be used	-	-	✓	-	-	-
Suitability & limitations on various usages	✓	✓	✓	✓	✓	✓
Date of purchase	✓	✓	✓	✓	✓	✓
Date first put into service	✓	✓	✓	✓	✓	✓
Date and details of inspections and services	✓	✓	✓	✓	✓	✓

AS/NZS 1891.4 defines a Competent Person as:

A person who has, through a combination of training, education and experience, acquired knowledge and skills enabling that person to correctly perform a specified task.

Competent Person Classifications:

Height Safety Operator - A person who is able to perform harness based work at heights under the direct supervision of a height safety supervisor.

Height Safety Equipment Inspector - A person who is competent in the skills needed to detect faults in height safety equipment and to determine remedial action.

Height Safety Manager - A person who is competent in the selection, design, manufacture or installation of height safety systems or equipment, or the development of control measures or work practices.

RIGCOM Inspection Service

The inspection and maintenance of fall protection products vary depending on a variety of factors, including Standards recommendations, Codes of Practice issued by Regulators, Manufacturer requirements and the level of product exposure/use within operating environments.

RIGCOM is accredited to perform such service work and provide a turn-key inspection and maintenance service solution that ensures your height safety systems and equipment maintain their operating functionality, and that they comply with industry codes and safety standards.



Equipment we Inspect

RIGCOM is certified by manufacturers to not only design and install fall arrest and rope access systems, but also to inspect and maintain these systems in accordance with AS/NZS 1891.4, AS1892 and AS1657, together with relevant lifting and rigging Standards.

As a supporting and active Gold Member of the Working at Height Association of Australia (WAHA), the installation works we inspect are also in compliance with the WAHA Industry Codes.

RIGCOM also inspects and tests all rope access, lifting, rigging, materials handling and personal fall protection equipment.

Contact us for your inspection requirements.



RIGCOM Inspection Service
1/14 Brumby Street Seven Hills, NSW, 2147
admin@rigcom.com.au 1300 893 230
www.rigcom.com.au