Britesafe
The Experts in Roof Safety

CERTIFICATE OF INSPECTION

AS/NZS ISO 22846.2-2020 – Industrial Rope Access Systems | **AS/NZS 1891 Series** – Industrial Fall-arrest Systems and Devices

SITE DETAILS			
Client Name:	Collins Square Management		
Client Contact:	Nathan Earl		
Site Name:	Tower 1		
Site Address:	Collins St, Docklands, Victoria 3008		
Inspection Date:	12/01/2021	Certificate Expiry:	12/01/2022

SYSTEM INFORMATION			
System Type:	☒ Fall Arrest	☒ Industrial Rope Access	☐ Access
	AS/NZS 1891.4	AS/NZS ISO 22846.2-2020	AS/NZS 1657:2018
System Purpose:	Roof Maintenance / Façade Maintenance		

CERTIFIED COMPONENTS The following components have been certified:	**FAILED COMPONENTS** The following components have failed this inspection:
2 x Surface mount static lines, 21kN (T1-SL1 & T1-SL2) 2 x Surface mount anchor points, 15kN (T1-AP1 & T1-AP2) 8 x Surface mount anchor points, 12kN (T1-AP3 to T1-AP10) 4 x Chemical fix anchor points 15kN (T1-AP11 to T1-AP14) 1 x Chemical fix static line, 21kN (T1-18-SL1) 4 x Chemical fix anchor points 15kN (T1-TB-AP1 to T1-TB-AP4) 2 x Chemical fix anchor points 12kN (T1-TB-AP5 & T1-TB-AP6)	

COMMENTS

This inspection has been conducted in accordance with the requirements stipulated by Victorian legislation and applicable Australian Standards.

All components found to be compliant during this inspection have been fitted with updated certification labels. Failed components have been tagged out of service. For further information on individual components, refer to system inspection report.

To remain compliant with Australian Standards, anchor points must be inspected by a height safety equipment inspector at intervals no greater than 12 months. Inspections must be documented. Installation and inspection documentation should be made readily available to all users of the system.

INSPECTOR NAME	SIGNATURE	DATE
Ben Fraser / Rob Ballantine		12/01/2021

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2021 Height Safety / Industrial Rope Access System Inspection Report

Collins Square | Tower 1

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Disclaimer

Britesafe believes the information contained within this report to be correct at the time of issue.

Britesafe was commissioned to undertake an inspection of height safety components at this site. This is not a comprehensive height safety audit and should not be relied upon as an exhaustive record of all possible height safety related risks or hazards that may exist or potential improvements that can be made.

Through inspection and/or testing, the Britesafe height safety inspector has undertaken to determine whether or not the existing system components, as installed, continue to be serviceable.

If the installed system has been found to be unsafe, the height safety inspector will provide, by way of this report, recommendations for amendments to the system to achieve compliance.

In the event that the system has a questionable background or insufficient evidence is available to prove that the system fit for use, a complete system reevaluation may be required. Such a reevaluation may necessitate engineering verification or replacement of existing system components.

Upon completion of this inspection, a certificate detailing the results shall be provided to the client. This certificate should be made readily available to users of the system.

Confidentiality

In order to maintain the integrity and credibility of the inspection process and to protect the parties involved, it is understood that Britesafe inspectors will not divulge to unauthorised persons any information obtained during this inspection unless legally obligated to do so.

Report Details

Site Name:	Collins Square Tower 1
Site Address:	Collins Square Collins St, Docklands, Victoria 3008
Height Safety Equipment Inspector:	Ben Fraser / Rob Ballantine / Aaron Piccone
Date of Inspection:	12/01/2021
Certification Expiry:	12/01/2022

All components listed in the following report have been inspected and tested in accordance with legal requirements. Each component has been inspected in conformance with the applicable Australian Standard(s) checked below.

- ☒ AS/NZS ISO 22846.2 - Industrial Rope Access Systems
- ☒ AS/NZS 1891 Series – Fall-arrest Systems and Devices

System Description

The system installed at this site is designed for roof maintenance purposes and façade access via industrial rope access.

System

ITEM	PASS / FAIL
Access to System	FAIL (Level 8) | PASS (All other areas)
Access Between Roof Levels	PASS
System Layout	PASS
System Documentation	PENDING REVIEW
Parent Structure	PASS

Components

ITEM ID	TYPE	RATING	MANUFACTURER	PASS / FAIL
T1-SL1 & T1-SL2	Surface Mount Static Line	21kN – Fall Arrest	Sayfa	PASS
T1-AP1 & T1-AP2	Surface Mount Anchor Point	15kN – Fall Arrest	Sayfa	PASS
T1-AP3 to T1-AP10	Surface Mount Anchor Point	15kN – Rope Access	Sayfa	PASS
T1-AP11 to T1-AP14	Chemical Fix Anchor Point	15kN – Fall Arrest	Sayfa	PASS
T1-18-SL1 (Level 18)	Chemical Fix Static Line	21kN – Fall Arrest	Sayfa	PASS
T1-18-AP1 to T1-18-AP4 (Level 18)	Chemical Fix Anchor Point	15kN – Fall Arrest	Sayfa	PASS
T1-18-AP5 & T1-18-AP6 (Level 18)	Chemical Fix Anchor Point	15kN – Rope Access	Sayfa	PASS
T1-L8-SL1 (Level 8)	Chemical Fix Static Line	21kN – Fall Arrest	Sayfa	FAIL

Installation Details

ITEM ID	SYSTEM INSTALLER	DATE OF INSTALLATION
All Items	Unknown	Unknown

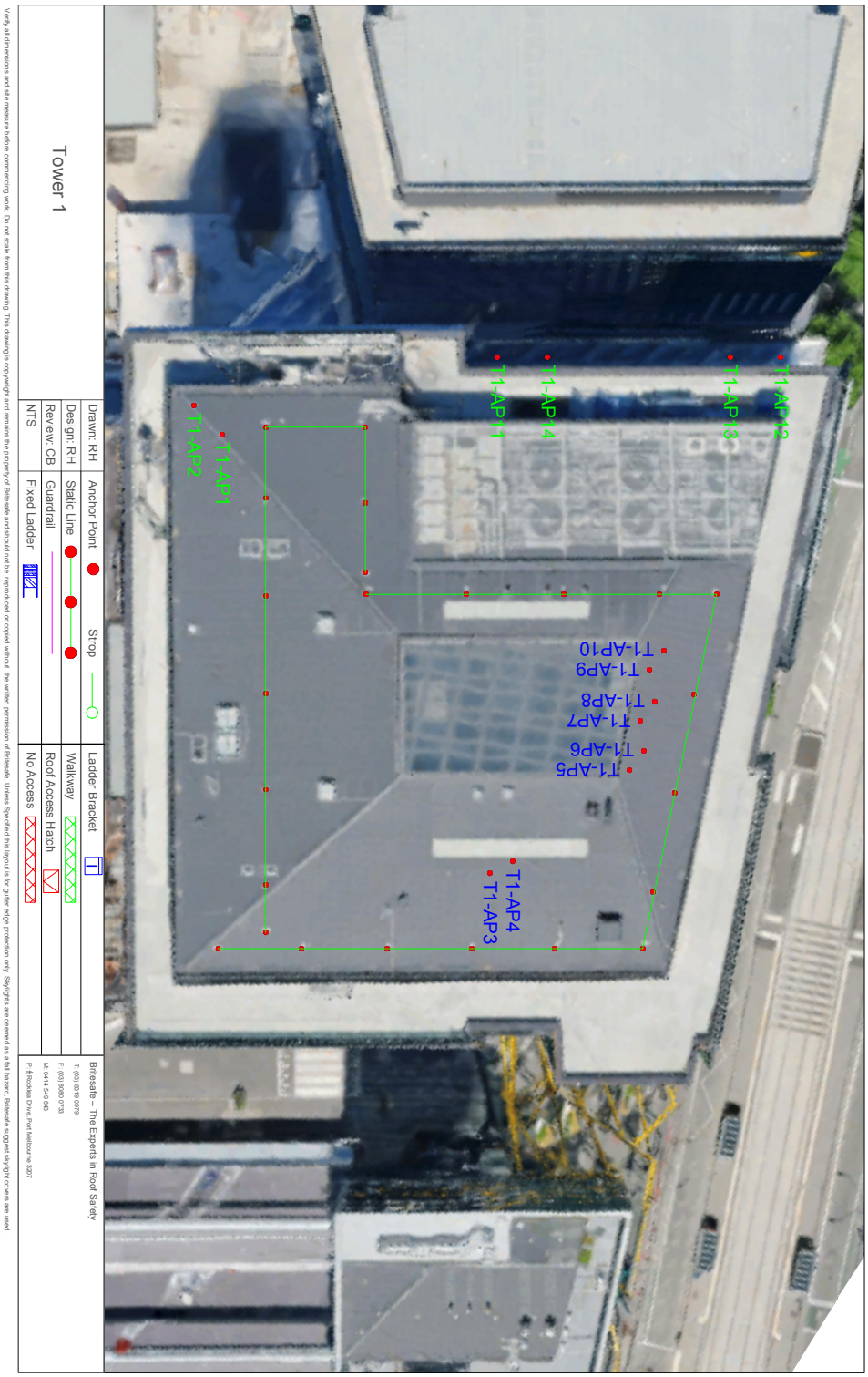
Summary of Results

System Summary			
Compliant Anchor Point Quantity	20	Non-Compliant Anchor Point Quantity	0
Compliant Static Line Quantity	3	Non-Compliant Static Line Quantity	1

Details:

- There is no safe access to T1-8-SL1 which is located on level 8. The line couldn't be safely accessed therefore, it has not been inspected.

Layout Plan


T1-AP12
T1-AP13
T1-AP14
T1-AP11
T1-AP2
T1-AP1
T1-AP10
T1-AP9
T1-AP8
T1-AP7
T1-AP6
T1-AP5
T1-AP4
T1-AP3
Tower 1
Drawn: RH
Design: RH
Review: CB
NTS
Anchor Point
Strap
Static Line
Guardrail
Fixed Ladder
Ladder Bracket
Walkway
Roof Access Hatch
No Access
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Verify all dimensions and site measure before commencing work. Do not scale from this drawing. This drawing is copyright and remains the property of Britesafe and should not be reproduced or copied without the written permission of Britesafe. Unless Specified this layout is for gutter edge protection only. Skylights are deemed as a fall hazard, Britesafe suggest skylight covers are used.

All components that have passed this inspection have been fitted with updated certification labels. These components have been deemed fit for use by trained and competent personnel.

A system information and certification sign has been installed at each roof access point.

Any failed components have been tagged out of service and are not to be used.

Rectification Scope / Suggested System Upgrades

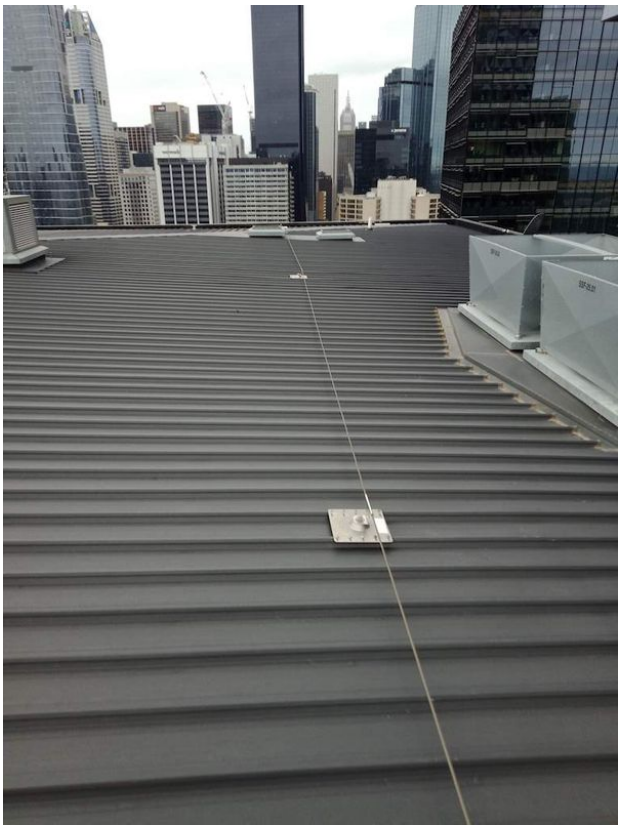
Based on the results of the inspection, the following works are suggested:

1. Assess the access to level 8.

   We suggest that an access audit is conducted by Britesafe to establish a safe means of access to the level 8 static line.

Photos

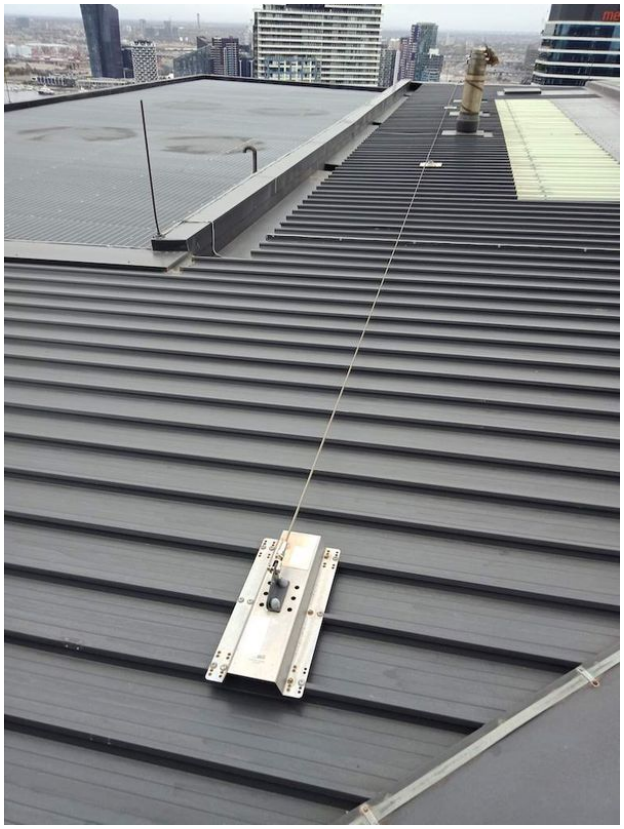
Appendix 1



Appendix 2

Appendix 3

Appendix 4



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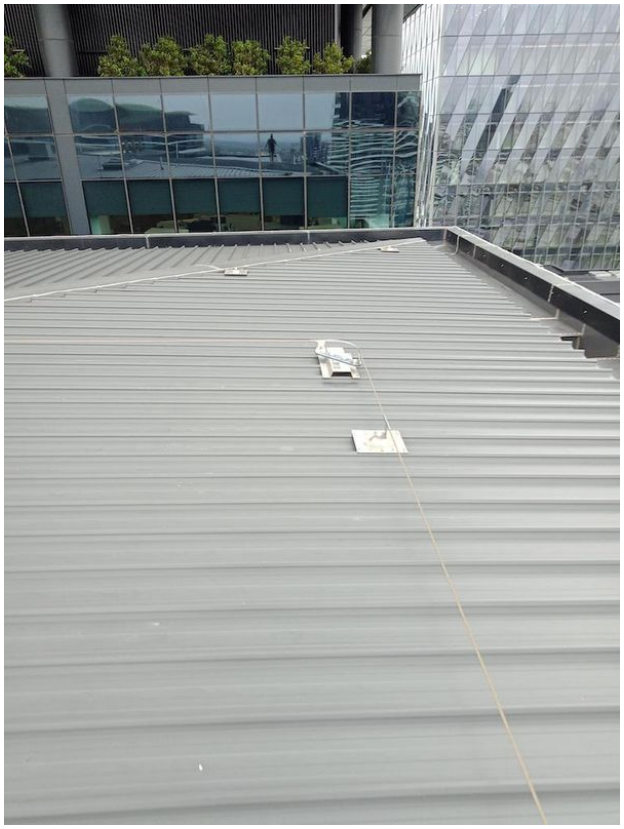
Appendix 6



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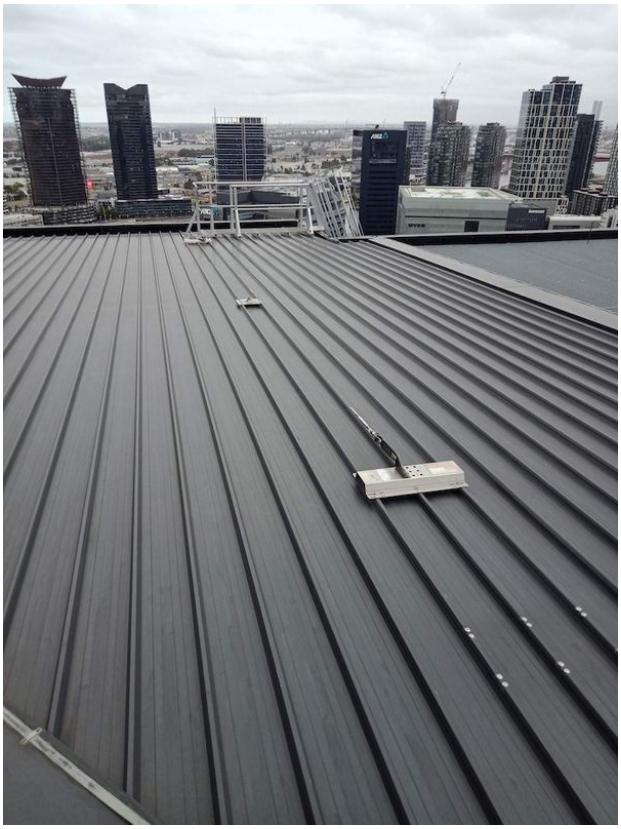

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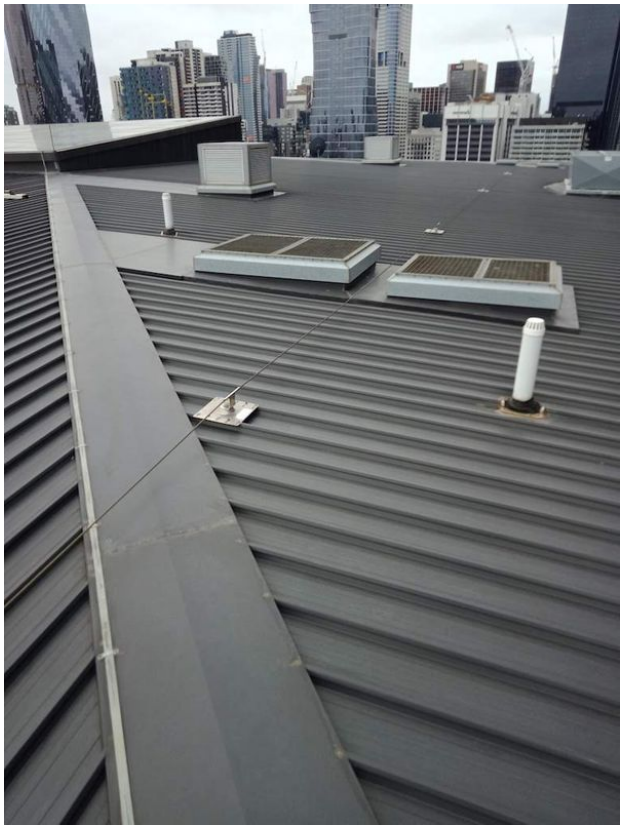
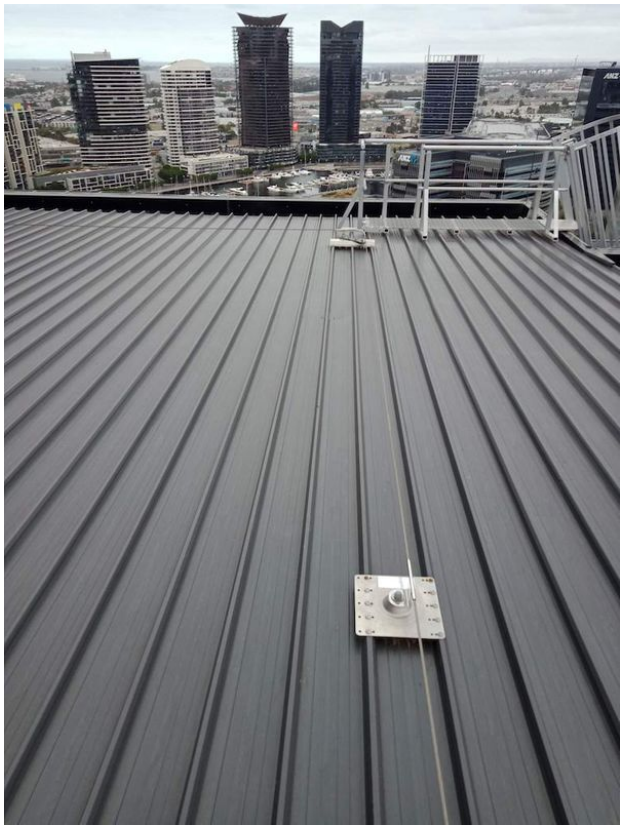


Appendix 9

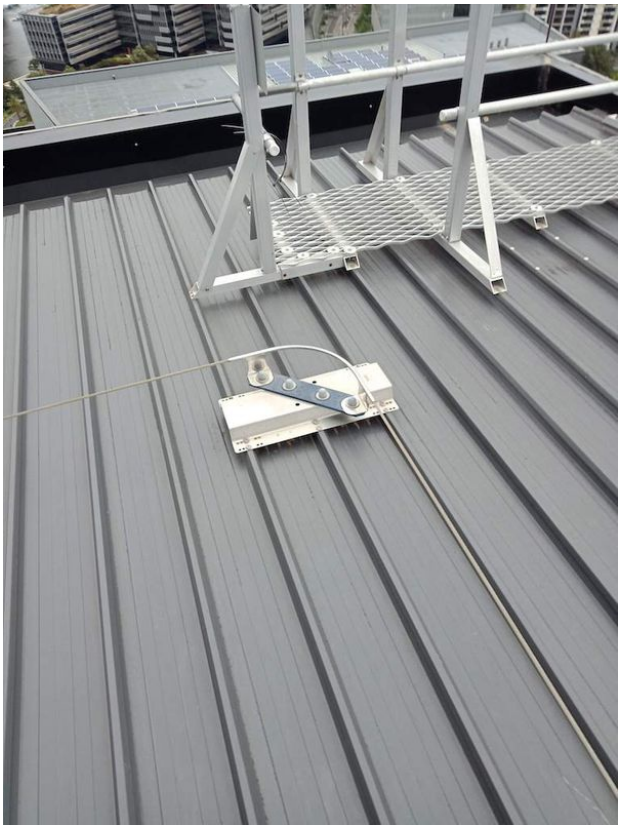
Appendix 10



Appendix 11

Appendix 12

Appendix 13



Appendix 14

Inspection and Test Methodology

Anchor Points

In accordance with Australian Standard 1891.4:2009 – Industrial fall-arrest systems and devices and AS/NZS ISO 22846.2 – Industrial rope access systems, permanently installed anchor points are to be inspected at intervals not exceeding 12 months. The anchorages are visually inspected for signs of deterioration, which might make them unserviceable, together with any other requirements contained in manufacturers' instructions. The parent structure is also visually inspected for modifications or deterioration which might lead to loss of anchor strength. Drilled-in, glued-in and friction anchors are proof loaded by application of an axial pull-out force of 50% of the anchor's design load.

Horizontal and Vertical Life Lines and Rails

In accordance with Australian Standard 1891.4:2009 – Industrial fall-arrest systems and devices, life lines of steel construction and rails are to be inspected by a height safety equipment inspector at intervals as recommendation by the manufacturer to a maximum of five-yearly. In the absence of such a recommendation, static lines are to be inspected on an annual basis. The inspection is carried out in accordance with the manufacturer's instructions. Line anchorage points and rail support anchorages are inspected as per the methodology for anchor points above. The parent structure is inspected for any modification or deterioration which might lead to a loss of anchorage strength. Cables terminations, line tensioners, fixings and other system components are inspection in accordance with AS1891.4 clause 9.3.5.

Important! Any system which has not been certified in over 12 months cannot be used. All inspections are to be documented. Upon completion of the annual testing regime, a certificate detailing the results of the inspection should be supplied to building management. This certificate and any installation documentation should be made readily available to users of the system.