POLE ANCHOR

Product Code: POLEANC001

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Online Shop
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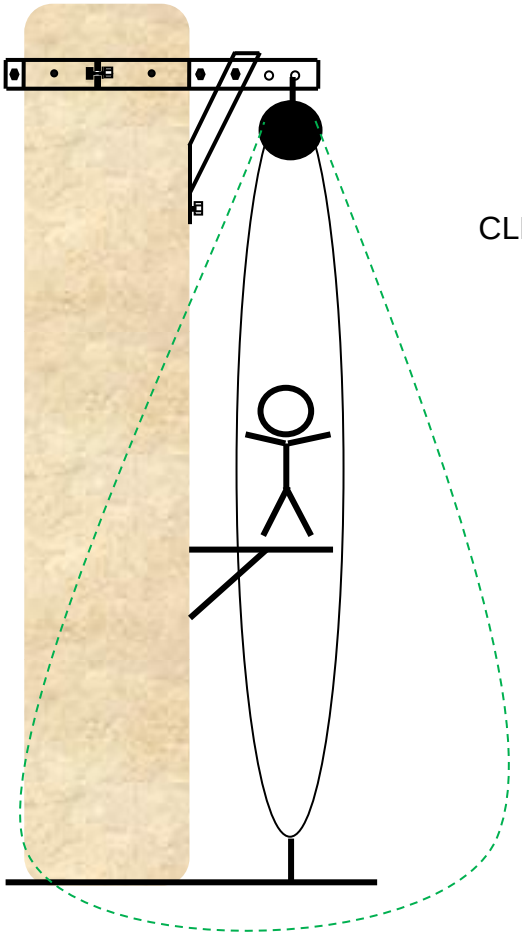
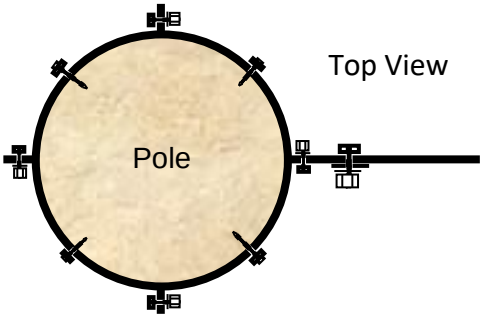
Safetylink.com

DATA SHEET





PoleLink Anchor must only be installed whilst in a Safe Work Position by a suitably competent person from an elevated work platform (EWP) or by appropriate rope access (RA) methods only. All tools should be secured with leash/lanyards to prevent accidental dropping from heights. A safe work exclusion zone needs to be created at the base of the installation site.

What am I used for?

Top anchor point for vertical access on poles. Can be used to anchor pulleys, retractable lanyards and vertical lifelines.

- The PoleLink Anchor is rated as a one person anchor at 15kN.
- Tested to AS/NZS 5532:2013.
- Made entirely from stainless steel materials.
- Choice of two attachment points allowing for varied clearances from the pole.
- Manufacturing requirements for single point anchor device used for harness based work at heights.
- Sufficient head clearance from end users must be considered.
- Ensure that hardware/rope/cable that will be attached to the PoleLink Anchor will have adequate clearance from all other equipment/structure that may be on the pole.
- Minimum pendulum effect must be present for the user accessing with the end system.
- Pendulum effect must be less than 30 degrees.
- During installation you must be safe at all times.
- If any doubt exists as to the strength of the structure an engineer should make the assessment.
- Failure to follow all instructions could result in a serious injury or death.
- READ ALL OF THE INSTRUCTIONS IN MANUAL, SOMEONES LIFE DEPENDS ON IT. MANUALS CAN BE DOWNLOADED FROM www.safetylink.com.

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DATA SHEET

TESTING OF SINGLE - POINT ANCHOR DEVICES

PROJECT NO. A/616 (40)

by

GORAN SIMUNDIC, BE, ME, MIEAust., CP Eng

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Discipline of Civil, Surveying and Environmental Engineering

The University of Newcastle, NSW, 2308, Australia

CLIENT: SafetyLink Pty Ltd
P.O. Box 88
HAWKS NEST NSW 2324

Checked by:
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Structural Testing Manager, Structural Laboratory,
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DATA SHEET

TEST NUMBER: 40

TEST DATE: 13/10/2014

CLIENT:
SafetyLink Pty Ltd
3/16 Huntingdale Drive
Thornton NSW 2322

LOCATION OF TESTING FACILITY:
Structural Laboratory, Discipline of Civil, Surveying and Environmental Engineering, The University of Newcastle.

TESTS CARRIED OUT BY:
Goran Simundic BE, ME, MIE Aust, CPEng.
Structural Testing Manager

TEST SPECIMEN:
POLELINK COMPLETE UNIT
2 x Short curved brackets
2 x Long curved brackets
1 x Brace bracket
4 x M12 304SS Bolt/washer/nut-nylocks
4 x 14-10 Roofing Screws x 75mm
1 x M16 25mm Bolt SS/Washer/Nut
1 x M12 50mm 316SS Coach Screw

NORMAL CONFIGURATION

TEST TYPE:
Dynamic test in a test bed arrangement which simulates the intended performance of the anchor in the as installed configuration.

TEST DESCRIPTION:
The fibre rope lanyard for test on the specimen was a two (2) metre long and 12mm diameter three-strand polyester hawser-laid rope medium lay, meeting requirements of AS4142.2. and was used without an energy absorber.

One end of the test lanyard was secured by means of a connector to the anchor device and the other end by means of a connector to the rigid mass. At a maximum of 300mm horizontally from the attachment point and by means of a quick-release device, the rigid mass was supported so that when released it fell freely through the designated fall distance before the lanyard started to arrest the fall.

Checked by: _____
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DATA SHEET

TESTED IN ACCORDANCE WITH: AS/NZS 5532:2013

DYNAMIC TESTING REQUIREMENTS:
Anchor rating: 15 kN
Rigid mass for free fall: 100 kg
Free fall distance: 2000 ± 50 mm

STRUCTURE TO BE TESTED ON:
Timber Pole 250mm Diameter
The test bed was installed vertically and was fixed to the laboratory "strong wall".

TEST RESULT:

The specimen tested did not release the drop mass. The drop mass remained suspended for three (3) minutes after the drop test. The specimen showed signs of bending but not fracture.

The specimen satisfies the requirements of the AS/NZS 5532:2013 and can be used with the dynamic rating of 15 kN and with the structure as tested.

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DATA SHEET

TESTING OF SINGLE - POINT ANCHOR DEVICES

PROJECT NO. A/616 (41)

by

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DATA SHEET

TEST NUMBER: 41

TEST DATE: 13/10/2014

CLIENT:
SafetyLink Pty Ltd
3/16 Huntingdale Drive
Thornton NSW 2322

LOCATION OF TESTING FACILITY:
Structural Laboratory, Discipline of Civil, Surveying and Environmental Engineering, The University of Newcastle.

TESTS CARRIED OUT BY:
Goran Simundic BE, ME, MIE Aust, CPEng.
Structural Testing Manager

TEST SPECIMEN:
POLELINK COMPLETE UNIT
2 x Short curved brackets
2 x Long curved brackets
1 x Brace bracket
4 x M12 304SS Bolt/washer/nut-nylocks
4 x 14-10 Roofing Screws x 75mm
1 x M16 25mm Bolt SS/Washer/Nut
1 x M12 50mm 316SS Coach Screw

NORMAL CONFIGURATION

TEST TYPE:
Static test in a test bed arrangement in the as installed configuration.

TEST DESCRIPTION:
The anchor has a static force of 15kN applied and held for a period of not less than three (3) minutes.

Checked by: _____
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TESTED IN ACCORDANCE WITH: AS/NZS 5532:2013

STATIC TESTING REQUIREMENTS: Anchor rating: 15 kN

STRUCTURE TO BE TESTED ON: Timber Pole 250mm Diameter
The test bed was installed vertically and was fixed to the laboratory "strong wall".

TEST RESULT:

The specimen tested held the static load for not less than three (3) minutes. The specimen showed signs of bending but not fracture.

The specimen satisfies the requirements of the AS/NZS 5532:2013 and can be used with the static rating of 15 kN and with the structure as tested.

Checked by:
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