PROOF LOAD TESTING OF ANCHORS AND CABLE TERMINATIONS

During testing, we follow all processes mentioned in the procedures listed in this document.

The testing is done on the anchor to a maximum load of around 6 kN. These tests are performed in the presence of client's authorized personnel from the site.

PROCEDURE FOR ONSITE PROOF LOAD TESTING (NON-DESTRUCTIVE)

1. Scope of this testing is to conduct Proof Load Testing of anchors and/or cable terminations.
2. Connect the Load testing device to the anchor.
3. Start giving load slowly by using the puller of load test device from 0 kN onwards for proof load.
4. The maximum load given is 6 kN. (1 kN for Anchor Roof Post to check the correctness and stability of installation)
5. After reaching the desired load, retain load for 15 seconds.
6. Check for any defects in the anchor.
7. Release the load slowly and remove load testing device.
8. After finishing testing, use Compass software to create an inspection report.

RECOMMENDED PROOF LOAD FORCES AND SAMPLE SIZE OF TESTING.

Component	Proof Load	Sample Size	Equipment
Concrete Anchor	6 kN /15 seconds	All Anchors	Proof load machine with concrete anchor attachment
Standing Seam Roof Post	1 kN /1 minute	10% of the Roof Post + Extremity Posts	Proof load machine with concrete anchor attachment
Kliplok Roof Post	1 kN /1 minute	10% of The Roof Post + Extremity Posts	Proof load machine with concrete anchor attachment
Trapezoidal Roof Post	1 kN /1 minute	10% of the Roof Post + Extremity Posts	Proof load machine with concrete anchor attachment
Cable Termination of the Life Line	6 kN /1 minute	All Cable Termination	Proof load machine
Cable Termination of the Tensioner	6 kN /1 minute	All Tensioners	Proof load machine

CONCLUSION

After successful tests the anchor is fit to be used.

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For KStrong Asia

PROOF LOAD TEST REPORT
AND CERTIFICATE

Certificate No.: _____

Date: _____

Project: _____

Purchase/Work Order No.: _____

This to certify that KStrong Anchor Posts installed with Rivets, Bolts or Chemical Fasteners and Cable Terminations have been successfully Proof Load Tested.

The Anchors and Cable Terminations have been visually inspected using the Compass software. The reports may be viewed by clicking on the link.

Area / Location	Suggested Load in kN	Recorded Load in kN	Holding Time (In Seconds)	Links of Compass Reports
Remarks:				

Test Conducted by: Witnessed by: Beneficiary:

_____ _____ _____

Name & Signature Name & Signature Name & Signature