



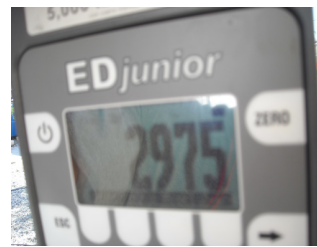
Load Testing Procedures

A preliminary site evaluation should be performed by a trained anchoring installation crew supervisor. This should be performed in the same geographical area as the shelter installation. Each geographical area where the soil conditions are different a load test should be performed.

1. Drive Platipus S4 Anchor w/ 6mm galvanized wire to a depth of 4 to 5 feet utilizing the HDRS4 and Sledge Hammer.



2. Remove drive rod and attach SJ1 (mechanical jack) with LC1 (digital load cell) attached.



3. Record the load at each stroke of the SJ1 mechanical jack, this will be $\frac{3}{4}$ " retraction of the anchor for each stroke.
4. Continue step 3 until no addition load is recorded on the LC1. This is the ultimate capacity of the anchor in the given soil conditions.
5. Testing is performed with the S4 anchor and the load achieved on the S4 you can assume the load on the S6 production anchor to be 2X (example: 850 lbs. on and S4 test anchor will be 1,700 lbs on the S6 production anchor)
6. Fill out the Load Test Report (see example tests) and submit to the shelter supervisor.

Based on the results of the anchor testing the supervisor can then determine the number of anchors required on the structure. This determination is based on an engineer's calculation that takes in to account the wind speed and structure size.

Production Anchor Installation

1. Drive the Platipus S6 Anchor to a depth of 4 to 5 feet deep.



2. Remove the drive rod and attach the PHK (Platiklein hand setting tool) and insert the drive rod through the handle.



Use 2 to 4 people to set the anchor.

3. For side mount installations attach the eyebolt to the shelter.



4. Insert the stainless steel wedge grip assembly in the eyebolt, place BOBBIN (wedge setting tool) and pull wire tendon tightly with PHK (Platiklein).



5. Remove PHK, BOBBIN and cut off excess wire tendon with WC4 (wire cutters).



6. Finished



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