

Test report number 582301684

Test requested by: Spyra base products ltd

Address: Cygnet house, Halesfield 23, Telford.

Contact: M.Powell

Lloyds job number: 582301684

Test type: tensile integrity test

Item under test: Spyra base, Hurricane 650m/m

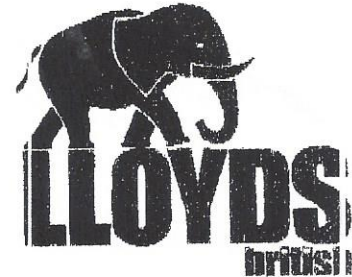
Introduction: 1 number Spyra base hurricane 650m/m ground anchor was submitted for tensile load test to ascertain force required to uplift the ground anchor.

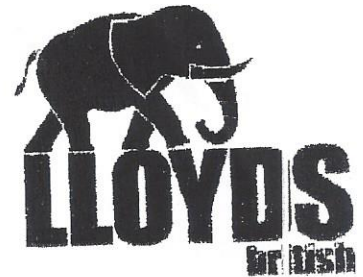
Procedure: The Hurricane 650m/m ground anchor was secured into soft moist ground as per manufacturers instructions, the hurricane 650m/m anchor was fitted so that the top of the securing eye was flush to ground level.
The Hurricane 650m/m ground anchor was then attached to a secure point by means of a calibrated load link and a hoisting machine.
The load was then applied without shock at an angle of 45 degrees, the results were as follows.

Results: the hurricane 650m/m ground anchor achieved a load of 220kgs with no movement recorded.
At a load of 960 kgs up rooting occurred.

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Test type: tensile integrity test

Item under test: Spyra base Hurricane 500m/m

Introduction: 1 number Spyra base hurricane 500m/m ground anchor was submitted for tensile load test to ascertain force required to uplift the ground anchor.

Procedure: The Hurricane 500m/m ground anchor was secured into soft moist ground as per manufacturers instructions, the hurricane 500m/m anchor was fitted so that the top of the securing eye was flush to ground level.
The Hurricane military 500m/m ground anchor was then attached to a secure point by means of a calibrated load link and a hoisting machine.
The load was then applied without shock at an angle of 45 degrees and also a vertical load applied, the results were as follows.

Results: the hurricane 500 m/m ground anchor achieved a load of 290kgs with no movement recorded.

At a load of 560 kgs up rooting occurred.

Vertical load achieved = 610 kgs at which up rooting occurred

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