

## TEST REPORT

Test Report Date: 06.22.2021

**ANSI Z359.14 & Z359.18**

**Material:** Frontline Fall Protection Model # QAN75-US-Portable Quadpod (Type A)

**Test Type:** Static Pull Test

**TEST:** The test consisted of pulling a sample in the critical loading direction to at least 5,000 lbs. and holding the load for at least 3 minutes without failure as per Para 3.2.1.1 (Z359.18)

**TEST PROCEDURE:** The Quadpod was placed on a test fixture with a deflection of less than .04" at a load of 4,500 lbs. A load cell was attached to the mounting eye near the top of the quadpods boom using a steel carabiner. A steel plate was attached between the opposite end of the load cell and a turnbuckle using a steel carabiner. The opposite end of the turnbuckle was attached to the connection point at the base of the test fixture using a steel carabiner. The quadpod was loaded to over 5,000 lbs. by tightening the turnbuckle. Once the force exceeded 5,000 lbs. it remained applied for more than 3 minutes. After 3 minutes, the quadpod was evaluated for compliance with the test.

**SCOPE:** When tested in accordance with 4.2.1.1, the anchorage connector shall be capable of resisting a static load of at least 5,000 pounds (22.2kN). The anchorage connector may deform provided that, where operable gates are used, the deformation shall not create a separation of more than 1/8 inch (3mm) between the gate and the body.

**RESULTS:** Passed, no damage was detected during inspection of the quadpod after the static load test.

**Conclusion:** The Model # QAN75-US quadpod meets the requirements of ANSI Z359.4 and Z359.18 and OSHA 1926.502 and has Minimum Breaking Strength (MBS) of at least 5,000 lbs.



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Title