

Case Study

Telecom Mast Foundation Fixings Testing



Overview

Corrosion has been detected in the structure of a large number of telecom masts around the UK. This has led to all the anchors needing to be tested to a specified test load and any that fail being remediated and then proof load tested to ensure their safety.

Challenges

- The threaded rods protrude out of the ground quite a distance.
- Some anchors haven't been installed vertically due to substrate and length.
- Anchor rod thickness 30mm
- Proof load test required up to 125kN

Solution

After visiting one of the sites and accessing the issues, Hydrajaws recommended using the Hydrajaws 330kN Hydraulic Hollow Cylinder Tester Kit.

The cylinder has a hollow piston to enable a rod to be passed through the entire cylinder length making it suitable for applications where a high pulling force is required on a rod diameter of up to 39mm.

"Our particular testing requirement needed some specialist advice, so we called upon Hydrajaws' expertise to help with a solution. They went above and beyond to help us find the correct equipment to perform the test load needed."

L. Whittemore Telecom Tower Fixings Tester

If you have a technical issue with your proof load testing please get in touch and our team will help you find the right solution.