



Dielectric Test Certificate For Non-Conductive Boss Zone One Scaffold

This certificate is to confirm that the components of the Boss Zone One scaffold have been dielectrically tested in accordance with BSEN60855, BSEN61235 and ASTM F711-02 as to determine the dielectric properties in the material.

The testing listed below was carried out on Friday 11th March 2016 by Mark Percival and Derek Barker of Earthco Ltd at our premises in Ely. We carried out four dielectric tests on various parts of the scaffold components to determine that there was no sparking or breakdown in the fibreglass during and after the high voltage had been present.

Test On

A 50Kv voltage was applied every 6 inches (100Kv per foot) to a 2.5 metre cross member for 3 minutes and there was no sparking or breakdown and we recorded a leakage of 1068 microamps.

Test Two

A 50Kv voltage was applied to a section of the tower and the leakage return was attached to the platform over a period of 3 minutes there was no sparking or breakdown and we recorded a leakage of 82 microamps.

Test Three

A 50Kv voltage was applied to the top corner of the tower (3 meters) and the leakage return was attached to the metal foot for 3 minutes there was no sparking or breakdown and we recorded a leakage of 118 microamps.

Test Four

A 50Kv voltage was applied to the top corner of the tower (3 meters) and the leakage return was attached to the opposite metal foot this gives a greater distance from the high voltage connection. The test was for 3 minutes there was no sparking or breakdown and we recorded a leakage of 64 microamps.

Test Engineer : Derek Barker

Test Engineer : Mark Percival

Date : Friday 11th March 2016

