

High Current DC Testing: Track Impedance Bond

March 21, 2023



Case study by Rowe Hankins

Due to our experience working in the DC Traction Sector, Rowe Hankins were approached to carry out a detailed high current testing of a Track Circuit Impedance Bond.

The bond was connected to our high current DC source controller for a defined period of time, lasting several days.

The programme of tests were completed by driving over 1500Amps DC continuous in set of scheduled controlled tests, whilst measuring that the electrical, temperature and insulation properties were maintained within functional operational limits.

At our facility, we offer a facility to measure up to 2000Amps DC continuously, for a range of applications

and products, such as Contactors, Relays, Circuit Breakers, Bonds and Traction Current Carrying Conductors.

A “world class” report of the process and testing data was provided to our client upon completion.

For more details on the testing and workshop services visit www.rowehankins.com, email sales@rowehankins.com or call +44 (0) 161 765 3000.

Photo credit: Rowe Hankins