



# Caledonia Rail Depot

brodie  
ENGINEERING

Akona was contracted to complete the 25kV recommissioning works for the traction power system at Caledonia Rail Depot. Delivered within tight timescales, the project involved OLE and HV repair works, including the replacement of non-compliant components ahead of section proving.

This project demonstrated our ability to provide multidisciplinary solutions tailored to client needs under strict deadlines. The rail depot is now fully operational, enabling electric units to be repaired and tested using the 25kV supply.

## The task



Akona Concepts was contracted to undertake the recommissioning of the 25kV power supply and overhead line system associated with the train care depot for client Brodie Engineering.

## The solution



The work involved high-level intrusive surveys of the OLE system, including maintenance, adjustments, and replacement of component parts. We also performed maintenance checks on the HV and LV power supply transformers and switches, and conducted necessary cable tests with the system to enable the system to be section-proved and brought back into service.

## The result



All works were successfully completed on time and to budget for our client resulting in further maintenance support services being supplied. The 25kV train care depot is now operational for rolling stock.

## Summary



Akona Concepts continued to work with client carrying out maintenance works on a rolling programme.