Hitachi Depot Maintenance

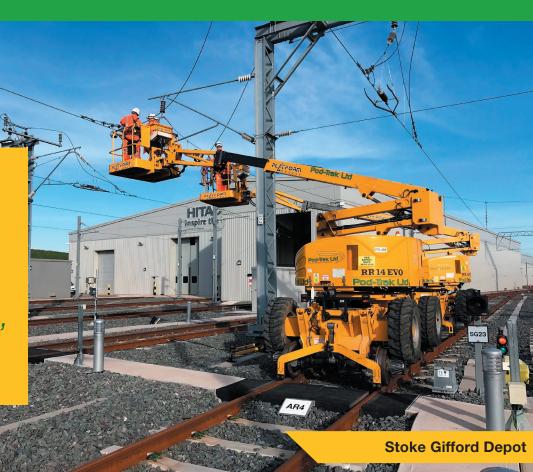




RAILWAY ELECTRIFICATION

HITACHI Inspire the Next

"Emergency on call & periodic maintenance of IEP Depots"



DONCASTER NORTH POLE STOKE GIFFORD



AUGUST 2015 - AUGUST 2019

VALUE **£550k**



Hitachi Depot Maintenance



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RAILWAY ELECTRIFICATION

To support their Intercity
Express Programme, Hitachi
Rail Europe constructed new
depots at Doncaster and
Stoke Gifford in Bristol along
with significant upgrade and
rebuilding at North Pole Depot in
West London.

Pod-Trak carry out a low-level inspection of the OLE on a quarterly basis with a high-level maintenance inspection carried out annually.

A low-level inspection includes a visual inspection from the ground of the entire OLE system across each depot. This consists of checking for any possible damage, switch and section insulator setup, switching feeds, bonding and DEP's.

The annual high-level inspection includes maintenance of switches, cleaning section insulators, bond continuity testing, wire wear checks and a full height and stagger survey. A 10% intrusive inspection is carried out to check and validate the security of fixings by applying a mechanical torque check in line with design specifications.



Doncaster and Stoke Gifford consist of a Mark 3B Trolley Wire System while North Pole is Mark 3B Catenary System.

All data from routine inspections and any follow up activities is captured and analysed for trends which is used to inform future maintenance inspections. All the data is captured in a report which is issued following each inspection.

Along with the planned maintenance Pod-Trak provide 24/7 emergency cover to react to incidents involving the OLE at each depot. This service involves making the area safe as a priority and working with Hitachi depot staff to ensure the depot can return to normal operational capacity as soon as possible.