

Hitachi Depot Maintenance



 RAILWAY ELECTRIFICATION

HITACHI
Inspire the Next

*“Emergency
on call &
periodic
maintenance
of IEP Depots”*



Stoke Gifford Depot

DONCASTER
NORTH POLE
STOKE GIFFORD


AUGUST 2015 -
AUGUST 2019

VALUE
£550k

DONCASTER,
LONDON,
BRISTOL



Hitachi Depot Maintenance



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.



Section Insulator Maintenance

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.