



C2C UPS UPGRADE WORKS – 10 SITES

ICS Ltd were contracted by Amey Inabensa to provide 10 x Network Rail PSP Sites on the C2C Line with UPS Back-Up Facilities, which included new GRP REB Buildings at 9 off Sites

ICS Ltd Scope of Works

Amey Inabensa contracted ICS to assist in the implementation of new UPS Back-Up Facilities at the locations of Fenchurch Street, Barking, Dagenham Dock, Upminster, Purfleet, Gray's, Mucking, Leigh-on-Sea, Southend Central and Shoeburyness. The Scheme included new Auto Transfer Switching, Manual Bypass Panel, 650V/230V Step Down – 230V/650V Step Up Transformers, Battery Enclosures, 230V UPS Modules, Load Bank Connection, Alarm Marshalling, Domestic Supplies and new Air Conditioning Units at each site.

Equipment & Services

- Design & Supply of new GRP REB Buildings for 9 off Sites
- UPS providing 'Seamless Switching' to backup Battery Power during a Loss of Power from the DNO Supply
- Installation of Air Conditioning Units in the new REB's providing Air Circulation, Heating & Cooling
- Insulation Monitoring of Downstream Circuits
- Modifications to Existing PSP, including MCCB's, Fuses and Cabling

Key Facts

- Provision of Expertise within the PSP Sites on the C2C Line
- Full Collaboration & Communication with Amey Inabensa as the Client
- Diligent Safety Management with NO Accidents or Incidents
- Access Restrictions in Delivery to Site on some Sites – RRV and Contract Lifts
- Cable Containment conducted at each site as well as Trough Installations