



FARNHAM POWER DISTRIBUTION SYSTEM

Customer:	Edmund Nuttall Ltd
Site Owner:	South West Trains
Approx. Value:	639K

Edmund Nuttall were awarded a contract with South West Trains to install a carriage washing machine, a CET birthing facility & extend the track to accommodate more sidings. A new 11KV transformer & feeder cable were supplied & installed by the REC, & FSD were awarded the contract to do the following works:

- Supply & install a 10 Way 630A Merlin Gerin MCCB LV distribution board & LV tails
- Design, supply & install 3 x lighting control panels to provide control & power distribution to new lighting in the overhead gantries, CET platforms, authorised walkways & carriage washing machine
- Supply & install (70 off) 5M lighting columns & associated cabling and controls
- Design, supply & install two points heating systems (east & west), which included: points heating control panels, including the power supplies, points heating transformer installation & connection, points heating tape installation & connection, final system commissioning
- Supply & install overhead gantry (x18) lighting & power distribution system. Each individual light had its own dedicated winch-down mechanism & each gantry had its own distribution board
- Supply & install foul-water pumping station and potable water booster set, including associated controls & cabling
- Supply & install CET platform lighting & small power distribution
- Supply & install power supply distribution for CET
- Design, supply & install power distribution within the CET MCC kiosk
- Supply & install buffer stop light system, including transformers, lighting & power distribution
- Design, supply & install carriage washing machine feeder cable, being 3 x 4c 150mm² at 475M long
- Design, supply & install power distribution for new administration building, gate access power supplies & associated controls, hot water system, new shunter's accommodation

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