

Case Study

AN **idom** GROUP COMPANY

Project
Allerton Rail Depot

Date
February 15

Client
Northern Rail

Fee Budget
£49k

Contractor
Buckingham Group Contracting Limited

Architect
N/A

Project Management
N/A

Overview

Allerton Rail Depot upgrade to house and maintain a fleet of 20 electric trains that will provide 6.7m additional seats every year for Northern Rail's customers on routes between Liverpool, Manchester, Wigan, Preston and Warrington.

The Depot is situated near Liverpool South Parkway station and since Network Rail took control of the depot in 2011 it is a cutting-edge maintenance facility, servicing Northern Rail's fleet of diesel trains and is part of its North West Electrification Programme electrifying the depot to accommodate Northern Rail's electric trains.

The works carried out also cover extending the existing train shed to accommodate the new, longer electrified trains, as well as modernizing the existing maintenance pit for improved access.

Our scope was design (F001, F002, F003 and AFC) of Mechanical and Electrical services for the proposed alteration and extension.

Services provided

- Design and carbon reduction measures
- Heating system
- Extract ventilation
- Automatic control alteration
- BWIC containment duct routes
- Lighting (Pit and High Bay design)
- Power to extension and new Bi-fold door location
- Fire Alarm
- Security – CCTV alterations
- Lightning Protection



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