



CASE STUDY: RUSHCLIFFE SCHOOL

Performing Arts and Languages Block & Science Labs

MAIN CONTRACTOR: ROBERT WOODHEAD LTD

START DATE: NOVEMBER 2017

END DATE: AUGUST 2018

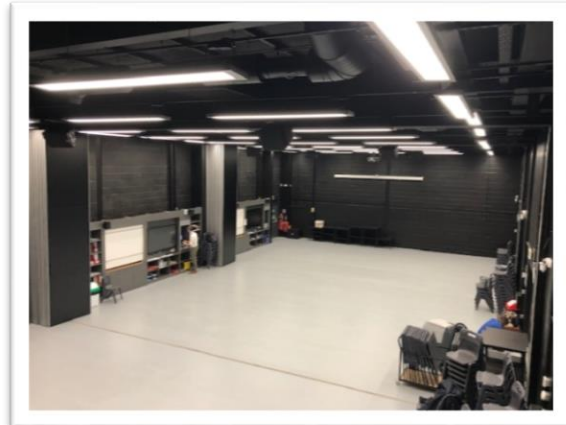
CONTRACT VALUE: £412,000.00

PACKAGE: ELECTRICAL

LOCATION: NOTTINGHAM

PROJECT DESCRIPTION

APH Electric carried out the following works to assist with the Expansion of Rushcliffe School allowing them to accommodate more pupils, including more specialist rooms for the practical and theoretical teaching of Science lessons. The new Performing Arts & Languages building that opened in September 2018, enabled rooms formerly occupied by the music department to be re-allocated to the Science Department.



The completed Electrical Package for this contact consisted of:

ELECTRICAL INSTALLATION

- Investigations, survey, Design, calculations & Drawing production
- Energy metering
- Replacement electrical supplies and incoming supply to new building
- Removal of existing services and re-routing
- Supply of authority for Electricity & Telecoms
- Design, supply and installation of containment systems for the sound and lighting / theatre specialist
- LV Distribution
- Internal and external Lighting/ Emergency Lighting
- Security systems installation:
 - Intruder
 - CCTV
 - Access Control
 - Entrance Gate Systems
 - Door Entry Systems
- Lightning Protection installation
- Earthing & Bonding installation
- External lighting
- Testing & Commissioning
- As installed drawings & O & M's



APH Electrics Ltd
Commercial - Industrial

- Disabled Refuge Systems
- Comms & data installation
- Mechanical services supplies & wiring
- Fire Detection and Alarm installation
- Audio Frequency Induction Loop Systems & Class Change Bell & Clock System
- Electric supplies to Lift Installation