

CASE STUDY

CLIENT

Uk Industrial Tapes

PROJECT

Supply intake alterations, new sub main cables and distribution boards, wiring to new extension, extension to fire alarm and emergency lighting.

SCOPE OF WORK

- Initial liasing with the supply and meter operators to facilitate an upgrade to the supply within the site.
- Project management of the civils trench works and Northern Powergrid operatives to upgrade the incoming supply.
- Installation of 315A main switch and supply cable to the existing switch board.
- Installation of sub main cable and 16 way TPN DB to the rear of the warehouse in readiness for future works.
- Upgrading of the earthing system.
- Installation of sub main cable and 11 way SP DB to the new extension.
- Electrical installation within new extension.



UK INDUSTRIAL TAPES ELECTRICAL INSTALLATION

Supply Upgrade

During routine maintenance work within the premises it was noted and brought to the client's attention that the 100A supply intake fuses were hot. Following initial load tests the client decided to ask Retroflo to project manage an upgrade to the incoming supply as they also had future expansion plans. Retroflo proceeded to contact the relevant supply organisations and civil contractors and project managed the installation of the supply upgrade and removal of the existing supply. Retroflo worked in tandem with the supply organisation in an out of hours project to have the electrical installation reinstated with no issues so the client could continue their operations without interruption.

Sub Main's and Distribution

As part of the clients future expansion plans Retroflo installed two new sub main cables, one from the existing switch board to a new 16way three phase distribution board at the rear of the warehouse in readiness for future expansion. The sub main cable was installed at high level using access equipment during normal working hours with minimal disruption to the client.

The second sub main cable was installed from the existing switch board to the clients purpose built extension again the sub main cable was installed at high level using access equipment during normal working hours with minimal disruption to the client. The supply was a single phase supply to an 11 way distribution board.

Electrical Installation to New Extension

Retroflo were initially contacted by the client with a basic proposal for the electrical installation, we designed a system and issued drawings for approval by the client. The design included containment, small power and lighting, emergency lighting, electrical heating system and an extension to the fire alarm. A tender for the works was issued to the client and once approved we commenced working on the agreed design. The works were carried out within the customer's specified time frame and budget. Our operatives dove tailed seamlessly with the other contractors on site to produce a quality end product which the client was very complimentary of.