

CASE STUDY

Project: Heathrow Express
- Earthing, Bonding and Gapping Works

Project value: £1.2 million

Client: Railtrack Great Western Zone
Major Projects Division.

Dates: March 1996 - January 1997

Background:

As an essential part of the Heathrow Express Project, Giffen Group was awarded the two contracts to upgrade all existing earthing, bonding and gapping installations for Paddington Station and secondly, for Paddington Station to Stockley Junction.

Scope of work:

- Strip out of:
 - redundant electrical services and equipment
 - redundant mechanical services and equipment.
- Earthing and bonding and gapping of:
 - all conduits and containment
 - all station platform lighting, clocks, signs, columns and distribution equipment
 - all mechanical installations, including to gas and water supplies
 - all CCTV equipment
 - All stop block lighting and associated transformers.
- Alternative bonding to the rails
- Installation of polycarbonate blocking of Royal Mail chutes
- Application of insulating paint work.

Incorporating

