



# Kettering General Hospital

**Duration:** 6 Months  
**Location:** Kettering  
**Contract:** £262,000

**Project:**  
 Investigation and replacement of malfunctioning emergency light fitting for Fire Compliance Works, Block 38.

### Lighting Installation List:

- Emergency LED Bulkhead EasiCheck 2 Emergency
- Lighting Testing System, Programme, Spur isolator, Loop Tester, Heather Kit, System Site Software
- 6 – 10 Channel Software Licence
- 1&2Gang, 3&4Gang, 6&8Gang 40mm Surface Box
- 1Way DP Key Grid Switch
- 1 Module Blank Insert
- Fused Connection Unit
- 1 - 6 Module FrontPlates
- 3 Pin Rose with 2 metre flex
- SP 20A 10KA type C Miniature Circuit Breaker
- IP66 2G Switched 13A Socket
- IP65 Enclosure
- PVC Adaptable Box
- 15A Connector Strip
- 240mmx190mm Mounting Plate

T James undertook the electrical installation for a replacement emergency lighting scheme compliant to the requirements of Kettering General Hospital and BS 7671, the design responsibility was undertaken by QMP Consultancy Services of Brixworth.



During the half year project, 6 of our highly skilled electricians worked in Block 38 of Kettering General and had to carry the installation out with empathy due to the nature of the workplace.

The project included the removal of the existing redundant emergency lighting and replacement of the new fully addressable, self-testing system.

The system included fully addressable emergency luminaires that are wired on a data loop, this reporting to a front end graphics software package, with an email reporting/ alert facility.

The final design scheme incorporated the findings and control measures of a Risk Assessment in which the Hospital Fire Officer participated. The alarm system operates on a dual reporting basis with alarms being accessed on a local panel together with access on the Head End PC that is linked up to the email alert system.

The emergency light fittings selected by the Designers for the project were generally from the Cooper lighting range.



...Did you know?

KGH's Emergency Lighting self-inspects once a week!

