

**WILLPOWER Electrical Ltd. Cynlas, Gorn Road, Llanidloes, Powys. SY18 6DQ**

## WILLPOWER ELECTRICAL LTD. OFFERS A FIRE DETECTION SERVICE.

Willpower Electrical Ltd offer a full fire detection design, installation, commissioning and maintenance service to British Standard BS5839-1:2002 and BS5839-6:2004.

### SYSTEM DESIGN.

The importance of pre-design planning cannot be overstated. During the design phase WILLPOWER Electrical Ltd liaise with all the relevant parties (e.g. the local authority fire service)

With all the relevant parties input, WILLPOWER Electrical Ltd will determine:

- Prime purpose of the system (to protect life property or both)
- The level of protection category to BS5839.
- Agree any variations to BS5839 with relevant parties.
- Provide design drawings.
- Design the system to reduce the cause of false alarms.
- Provide and sign off a design certificate to BS5839-1:2002.

### SYSTEM INSATLLATION.

During the design stage WILLPOWER Electrical Ltd offers cable or wireless fire alarm systems. If a cable system is specified the cable used will be in accordance to BS5839 and the installation will be carried out by our NAPIT full scope approved Engineers in accordance with practices recommended in the 17<sup>th</sup> Edition IEE wiring regulations.

WILLPOWER Electrical will provide and sign an installation certificate to BS5839-1:2002

### SYSTEM COMMISSIONING & VERIFICATION.

The system commissioning and verification will be carried out by WILLPOWER Electrical Ltd fire alarm systems Engineer. WILLPOWER Electrical Ltd provide "as fitted" drawings and certification to BS5839-1:2002 or BS5839-6:2004 (*depending on the type of installation*)

In addition to the "as fitted" drawings WILLPOWER Electrical Ltd will provide the user with service log, event log and full training on the fire alarm panel.

### SYSTEM PERIODIC INSPECTIONS & TEST.

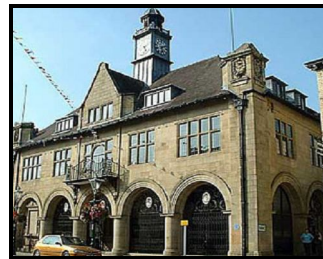
WILLPOWER Electrical Ltd offer a system periodic testing service and will issue test certificates to BS5839:1:2002 or BS5839:6:2004. on successful completion.

### CASE STUDIES.

Here are just three examples of recently fitted fire alarms by WILLPOWER Electrical Ltd.

#### Llanidloes Town Hall.

The town hall has fitted a fire alarm system at Llanidloes Town Hall. Due to it's status as a listed building it was decided to fit a wireless system to limit the impact of cable runs on the character of the building. Over 30 various sensors were fitted over three floors in only two days and with minimal impact to the day-to-day activities in the building.



Llanidloes Town Hall



uStrike 10-pin bowling alley

#### Ustrike 10-pin bowling alley.

With the introduction of the new uStrike 10-pin bowling alley at Agriculture House Newtown, WILLPOWER Electrical Ltd designed, installed, commissioned and verified a new fire alarm zone to an existing system.

#### Apartment block in Llanidloes.

WILLPOWER Electrical Ltd designed, installed, commissioned and verified a multi-occupied block of apartments in Llanidloes. Each apartment was allocated a zone and communal area. These were fed to a common control panel on the entrance to the building. An extraction fan fitted above the stairwell was also connected to the fire alarm. The fan would start when the alarm was activated so smoke would be removed from the stairwell thus allowing visibility to occupants on their escape or fire fighters on entry.

For further information please e-mail:

[enquiries@willpowerelectrical.net](mailto:enquiries@willpowerelectrical.net) or telephone our office on 0845 3926811