

## Caradon District Council, Cornwall

### Products

- Milborne wall hung boilers

### Sector

- Offices
- Public sector

### Building

- Council offices
- Refurbishment
- Listed building

### Application

- Space heating 400kW
- Multiple wall hung boilers



*Luxstowe House, Council office building*



*Milborne wall hung boilers*

Councillors and staff at Caradon District Council in Liskeard, Cornwall are enjoying a comfortable working environment, thanks to four Hamworthy Milborne wall hung, condensing boilers.

When the boilers at Luxstowe House, home to the Council needed replacing, the Council chose Hamworthy because of previous experience of the company's products.

The three storey building is heated by four Milborne boilers, installed by Applied Pipework Services who also have a great deal of experience with Hamworthy products, and they provide a total of 400kW output.

## Our Solution

As well as having been pleased with the performance of other Hamworthy boilers installed at the Council, Gareth Jones of GPJ Consulting Engineers, Consultants for the project says: "Milborne boilers were chosen on the merit of technical capability and were what we considered to be a good modern product."

With modulating pre-mix burner technology the Milborne has exceptional environmental credentials; achieving European Class 5 classification for NOx emissions at less than 40mg per kWh.

Boiler efficiency performance is also excellent with 108.7% nett at (30%) part load. This equates to a seasonal boiler efficiency of 96% gross, far exceeding the minimum requirement for the Building Regulations.

Milborne boilers are available with optional fast-fit frame-set, pipe header kit, flue header and primary circuit kit for multiple boiler packages, which all simplifies the design and speeds up the installation.

Where several Milborne boilers are installed, a master and slave control system is used. The master boiler controls the 'slaves' via a bus communication wire, and has a digital control panel, which runs the boilers correctly and configures the system and its components. The master boiler features a comprehensive self diagnostic fault identification system with a display on the boiler.



*Milborne condensing boilers provide impressive efficiencies*