

## CASE STUDY

### Project: Ballyowen Complex Health Centre

# HEALTHCARE

Scope: Mechanical

Value: £60K

Client: Belfast Health & Social Care Trust

Main Contractor: Blackbourne Integrated M&E

Consultant: Taylor & Fegan

Duration: 8 Weeks

Completion: March 2009



#### Brief

Blackbourne were appointed as the overall contractor to replace the existing boiler, hot water plant and controls on the above Health Centre and Elderly Care Centre.

#### Solution

This project called for close liaison with the client as it was located within the existing Health Centre and Senior Citizens accommodation. Minimum disruption to staff and occupants was of paramount importance.

For obvious reasons the need to maintain heat and hot water supplies was paramount to the client.

To reduce the down time all new services were prefabricated off site as far as practicable. The actual change over was carried out within a 1 day Saturday shut down period and temporary heating was provided for the day to the elderly care facility.

All the new plant and controls were fully commissioned and left operational on the day as a result of pre planning with all the specialists required.



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#### Result

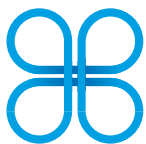
The project was completed within the allocated time period and within the clients cost plan.



## Belfast Health and Social Care Trust

#### Scope of Work

- Removal of the existing boiler and plant.
- Relining of existing chimney.
- Replacement of existing Hot water cylinders with new plate heat exchanger and buffer vessel. These plate heat exchangers heat the water instantly without the need for having to store large amount of hot water, which in turn can reduce legionella risk.
- Upgrade of the existing BMS Heating and hot water controls system including electrical wiring.
- Installation of new natural gas supplies including gas detection system and electrical wiring.
- All builders work including alterations to the existing chimney.



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