

Location: Dromore, Co. Down

Client: South Eastern Education & Library Board

Consultant: White Young Green Tel: 028 9070 6000

Architect: Knox & Clayton Tel: 028 9267 4312

Contracts Manager: Brendan Gildernew

Completion: June 2016

As the old school building dated back to 1938, the £11.4m construction of a new school build was a much-needed improvement for Dromore Central Primary School. The new building situated on the Moss Vale Terrace Road Dromore, offers the best student and staff facilities currently available, including 25 new state-of-the-art classrooms.

Michael Nugent provided a full Mechanical installation for this project including an LPHW heating system, gas boilers & associated flues, chillers & AHUs, ventilation systems, sanitaryware and BMS Control systems.

The heating system includes two natural gas boilers, heated ceiling panels and underfloor heating throughout the building. The ventilation system comprises of supply & extract fans and heat recovery units in each classroom with an AHU in the school kitchen and dining hall. This building incorporates the use of Jaga Oxygen radiator systems which is a specialised heating system designed to monitor air CO2 levels & regulate the oxygen in the room accordingly, creating a fresh air flow & high powered heating with low energy costs.

#### Mechanical Services supplied by Michael Nugent Ltd:

- Modulated Temperature LPHW Heating Installation
- Constant Temperature LPHW Heating Installation
- Under floor Heating Installation
- Radiant Panels Installation
- Jaga Oxygen Radiator System Installation
- Plumbing Installation
- Sanitary Installation
- Public Health Installation
- General Ventilation
- Dedicated Mechanical Supply and Extract Ventilation Installation
- Fully Automated BEMS Installation linked to Headquarters
- LPG Gas Installation
- Oil Transfer Installation
- External Trunk Main Installation
- Thermal Insulation
- Boiler Installation