



FlowCon PICV - chilled beams, heater batteries and FCUs

Project name: New South Glasgow Hospital

Location: Glasgow, Scotland, United Kingdom

Type of building: Hospital and Laboratory

Configuration of building: FlowCon Green (single valves and valve assemblies)

Construction time: February 2010 - March 2012 (laboratory), Q1 2011 - Q4 2014 (hospital)

Opening: July 2015

Client: NHS Greater Glasgow & Clyde

Architect: Nightingale Associates

Consultant: Zisman Bowyer & Partners

Main contractors: Brookfield Multiplex

Contractor: Mercury Engineering

Customer technical support: Advanced Technical Products Ltd.

FlowCon distributor, Ireland: Advanced Technical Products Ltd.

space to support blood sciences, medical genetics, medical pathology, micro-biology, 300 body mortuary and other services for the main hospital.

This major healthcare building comprises of 3 primary accommodation units that are distributed around a central secure service yard linked to facilities management and the national distribution. All bedrooms will be light and airy with large window offering views to the outside world. The bedrooms will provide a therapeutic and healing patient environment that is safe, clean, private, quiet and comfortable.



The New South Glasgow Hospital (NSGH) project will result in new state-of-the-art healthcare facilities and high quality design environments and be one of the most advanced medical facilities in Europe. The project being the biggest ever hospital building project undertaken in Scotland and currently the greatest hospital building project in Western Europe, will cost in excess of £840million in total. On completion it will comprise a new acute care hospital in 14-floors with 1.109 beds in single-room accommodation, 5-storey 256-beds children's hospital and 30 modern operating theatres. In addition to the main hospital, the Laboratory Medicine comprises a 25.000m² centralized medical laboratories to provide medical laboratory

FlowCon PICV valves were chosen in order to help secure optimal indoor comfort for both hospital staff, patients and visitors and at the same time reduce energy use and thereby cost. In addition, complete assemblies were chosen where possible in order to reduce site work. To help workflow efficiency in the project, assemblies were supplied first, followed by actuators and lastly inserts when needed at site.

In 2012, World Architecture Festival Awards (WAF), recognizing the best in architecture and design from around the world, nominated the NSGH project in category "Future Projects - health category" for its fantastic and innovative design – a positive indication everybody can be proud of.....

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