



HVAC Commissioning

Description of Works

Cleartech Group Ltd were engaged by Crown House Technologies and Laing O'Rourke to complete the HVAC commissioning and water treatment works at NHS Forth Valley Royal Hospital. The flagship hospital, which cost £300 million to build, is the biggest construction project in Scotland and our contract was valued at £1 million at completion of Phase 3, before handing the building over to our clients, one month ahead of schedule.

Cleartech delivered HVAC Commissioning and Water Treatment services to NHS Forth Valley Royal Hospital, within budget and ahead of schedule. Our role involved the planning, co-ordinator and delivery of our services, as well as, managing all other aspects of building services commissioning. Work began on the hospital, built on a 360 hectare site on the grounds of the former Royal Scottish National Hospital, in May of 2007. It was delivered in three phases, and included 860 inpatient and day beds and a full range of acute hospital services including a mental health facility and a women and children's unit.

First Minister, Alex Salmond carried out the opening ceremony in April 2009 and the first patients began moving into the building in the Summer of 2010. All materials, installations and commissioning methods used by Cleartech are in accordance with The British Regulations, EEC or British Standards, British Standards Institute Codes of Practise CIBSE commissioning Codes and, where appropriate, with the recommendations contained in the NHS Estates current published Health Building Notes and Health Technical Memoranda.

Cleartech Service: HVAC Commissioning & Water Treatment

Client: Crown House Technologies for Forth Valley Royal Hospital

Location: Glasgow

Type of Property: The flagship hospital is the biggest construction project in Scotland.

Cleartech's Scope of Works:

- Cleaning & sterilization of CWST'S & all associated hot & cold water services
- External MCW Chlorination & testing
- RPZ Valve Commissioning
- Water testing and dosing top-up of chilled water systems
- All works were carried out in accordance with The British Regulations & CIBSE Commissioning codes
- Commissioning Management