

## HVAC Commissioning & Water Treatment

### Description of Works

Cleartech were engaged by Arc Tech to carry out the water treatment works at the National HVDC Centre in Cumbernauld. The building is scheduled to open its doors on the 26th of April of this year and will be used to test the operation of HVDC (high voltage direct contact) schemes on the GB transmission network; enabling them to anticipate and resolve potential issues, to ensure the integrity and security of the network.

Cleartech's team of experienced water treatment engineers carried out the cleaning and chlorination of new installation hot and cold water services to BS5885 Specification. The water samples taken at this site were tested by an independent UKAS accredited laboratory. Cleartech invest considerable time, effort and resources on training and building on the expertise of our engineers. As the only HVAC commissioning and water treatment company in Scotland that are members of the Legionella Control Association, our engineers provide services in conjunction with the Code of Conduct set out by the LCA.

Our HVAC Commissioning works included carrying out ventilation balancing of all systems made up of 1x AHU and 1x Extract Fan serving supply and extract outlets throughout the building as per C.I.B.S.E code 'A' complete with final report. As always, our aim is to have our reports submitted promptly in order to ensure a clean handover. In this instance, we were able to submit our reports the day after all commissioning works were complete.

**Cleartech Service:** HVAC Commissioning & Water Treatment

**Client:** Arc Tech for the National HVDC Centre

**Location:** Cumbernauld

**Type of Property:** Facility used to test the operation of HVDC schemes on the GB transmission network, enabling them to anticipate and resolve potential issues, to ensure the integrity and security of the network.

### Cleartech's Scope of Works:

- Water Storage Tank drained, cleaned & chlorinated
- Balancing of all ventilation systems