



HVAC Commissioning & Water Treatment

Description of Works

Alongside main contractor, Morgan Sindall, and M&E Contractor, Richard Irvin Energy Solutions, Cleartech have provided HVAC commissioning and water treatment services on the new Marischal Square. The new flagship development, in the heart of Aberdeen, is set to welcome approximately 1,500 jobs to the area once completed and around 300 jobs during construction phase. The build consists of a Residence Inn by Marriott Hotel, a bar and restaurant space and a block of offices. So far, both Costa Coffee and Mackie's of Scotland have signed up to fill up the shop spaces, along with an array of other restaurants.

Our scope of works included a domestic water services chlorination, which consists of; cleaning and chlorinating new installation hot and cold water services to BS8558 Specification. We also took potable water samples which were then tested at a UKAS accredited laboratory and results were issued to our client. Our team of dedicated engineers carried out a full pre-commission chemical, static flushing, biocide wash, dynamic flushing and dosing of corrosion inhibitor. This was completed fully in accordance with BSRIA BG 29/2012 Pre-commissioning Cleaning of Pipework Systems.

Our HVAC commissioning services included carrying out water and ventilation balancing of LTHW, which included; AHU's, S Fans, Ex Fans, S Grilles, Ex Grilles, FCUs, pumps, commissioning sets and TMVs. All of our works were completed as per C.I.B.S.E code 'A' and 'W', complete with final report.

Cleartech invest considerable time, effort and resources on building the expertise of our engineers and ensuring that all works are completed on time and of a high quality standard.

Do you have a project for Cleartech? Contact us today!

Project: Marischal Square

Cleartech Service: HVAC Commissioning & Water Treatment

Client: Richard Irvin Energy Solutions

Location: Aberdeen

Type of Property: Multi-million pound shopping, restaurant & office complex.

Cleartech's Scope of Works:

- Clean and chlorinate new installation hot and cold water service
- Water samples taken and tested at UKAS lab
- Full pre-commission chemical clean, static flushing, biocide wash and dynamic flushing
- Dosing of corrosion inhibitor
- Water and ventilation balancing