

MORRISONS

Mechanical services for Morrisons largest regional distribution centre



KEY FACTS

Client: Wm Morrisons Supermarkets PLC
Project: Fresh, ambient and frozen product warehouse facility
Services: HVAC, Gas, Plumbing, BMS System, Cooling
Duration: 45 weeks
Division: Mechanical
Project Value: £2.8m

CASE STUDY



BACKGROUND TO THE PROJECT

All mechanical services for a regional distribution centre on a mile long site covering 78 acres, built to operate 24/7 supplying fresh, ambient and frozen products to Morrisons stores across the UK.

SUPPLYING BREEAM EXCELLENT MECHANICAL SERVICES FOR ONE OF THE UK'S BUSIEST RDCS

Morrisons is the UK's fourth largest supermarket group, serving customers across the UK through almost 500 stores and an extensive home delivery network. Keeping stores and online fulfillment centres supplied requires significant product storage capacity.

Operating 24/7 and located near Bridgwater, within sight of the iconic Willow Man outdoor sculpture, Willow Green is one of Morrisons' busiest sites incorporating bulk storage for fresh, ambient and frozen products.

As part of a tight 45 week project schedule, the team from Mitton Group has completed the installation

and commissioning of all mechanical services on the site, including heating and ventilation, gas, plumbing, building management controls system and cooling.

BREEAM 'EXCELLENT' RATINGS

With the remit to achieve a post construction BREEAM Excellent rating on completion of the build, innovation was the driver for Morrisons' Bridgwater RDC team on this build, reflecting the supermarket giant's own commitment to environmentally sustainable practices.

From the incorporation of solar systems and rainwater collection, with grey water systems augmenting toilet supplies right down to the inclusion of shut off valves, non-percussive taps and drives which ramp down when not needed, the entire site is a model for sustainability.

All systems link into a comprehensive Building Monitoring System to achieve and maintain optimum levels of performance across the board. Mitton also carried out a site-wide EPC for BREEAM purposes as well as individual building EPCs.

KEY CONTACT

Neil Burns

neil.burns@mittongroup.com
01274 691177

www.mittongroup.com

Mitton Mechanical Services Ltd
Mackenzie House
451 Cleckheaton Rd
Low Moor
Bradford
BD12 0HS

01274 691177