



Multi-disciplined building
services design consultancy.

Commercial.
Hotels & Leisure.

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McKee Associates. A creative MEP Studio encompassing Mechanical, Electrical, Public Health, Sustainability and 3D Revit designs amongst other attributes held by our engineers in all sectors.

Having started the practice 2010 after being trained at some of the biggest MEP practices, the director has gone on to enforce the experience, ethos, knowledge to make McKee Associates the brand it is today.

Our team are successfully delivering commercial value to our clients and our schemes across the UK and throughout Europe and assist in the delivery of developments, meeting clients expectations and environmental requirements throughout our designs.



Our approach.

We listen to the requirements of the clients and the teams to obtain a full understanding of developments.

We think of the values we can add to the projects and the technologies available to embrace that will benefit developments both in the short term and long term.

We sketch & model what our thoughts and capabilities are for the requirements of the buildings and the operation of the businesses within.

We deliver with a vast understanding and proven track record, we deliver the MEP packages with the attention to detail we have been synonymous with over the years.



CASE STUDY 1



Company. Surf Snowdonia Phase 1 - Adventure Parc Snowdonia

Sector. Leisure

Services include. High Voltage. Low Voltage & Communication Design. General & Emergency Lighting Design. Fire Alarm & Life Safety System Design. Security & Access Control Design.

Project overview. A world first inshore surf park opened in the stunning surroundings of the Welsh valleys in 2015 and we at MA are proud to still be involved to date.

MA were appointed to undertake the design and witness the commissioning of the whole MEP services to the various building on the phase 1 project - consisting of The Hub, The Surf Academy, The Amenity building and the splash and crash area, not to mention the design of the supplies to the wave foil in the man made lagoon.

The infrastructure design and co-ordination, gas water, telecoms were all designed in house for the whole site areas.

With our expertise we undertook the 11,000v private HV network consisting of 2 MVA supply to the wave garden unit in the centre of the lagoon and 2 further 800 kVA units on the shore feeding the various buildings around the site.



We proudly class this site by the Ainscough family also from Wigan, as one of our most prestigious projects to date.

CASE STUDY 2



Company. The Tree House Hotel - Manchester City Centre

Sector. Hotel

Services include. Heating, Cooling & Ventilation Design. Building Management & Control Systems Design. Hot & Cold Generation & Distribution. Utility Infrastructure Design & Co-ordination.

Project overview. MA were appointed back in 2020 for the refurbishment of the existing Ramada hotel in the city centre of Manchester with the instruction to strip out and replace the MEP services and bring up to date the experience of the a new brand of hotel - The Tree House.

Based on the only other one in the country in London, the brief was to replicate and better the hotel with quirky feel to the interiors.

To be opened in 2023 this challenging hotel consists of 200 plus rooms including presidential suites, 2 function / ball rooms, gym, cinema, 2 restaurants, 3 bars and a roof top private area incorporating a bar.

All MEP design works carried out to the hotel by MA with current on site roll being fulfilled until commissioning (circa 2023).

CASE STUDY 3



Company. Innocent Smoothies Office

Sector. Commercial

Services include. Low Voltage & Communication Design. General & Emergency Lighting Design. Fire Alarm & Life Safety System Design. Security & Access Control Design. Revit, BIM & 3D Design.

Project overview. Following on from the successful delivery of 'The Blender' factory. A new office facility to house the exceptional teams behind the Innocent Smoothies brand & marketing was built.

The facility is a made up of labs, offices, meeting rooms, canteen and kitchens, gyms and communal workspaces used for product development.

Our design responsibilities included the full electrical and public health services for the development.




**geen toegang
hoog voltage**
(en een draak)

**no entry
high voltage**
(and a dragon)

 **innocent**

CASE STUDY 4



Company. Surf Snowdonia Phase 2 - Hilton Hotels & Resorts

Sector. Hotel

Services include. Security & Access Control Design. Heating, Cooling & Ventilation Design. Building Management & Control Systems Design. Hot & Cold Water Generation & Distribution.

Project overview. Following on from our success on the phase 1 project, MA were re-appointed in 2018 for the expansion of the site to undertake the full MEP designs for adrenaline indoors and a 116 bed Hilton Garden in Hotel with private SPA.

Our service appointment was to undertake the full design of the MEP services to the Hilton brand guidelines and deliver something special in the centre of the site incorporating revit / 3D modelled risers and plant rooms and the external site wide lighting. The incorporation of a spa to the development was also undertaken with the services incorporating mud treatments / massage areas, saunas, steam rooms and 2 no pools was also undertaken with specialists to deliver something special at the facility.

This re-appointment is again a sign of our ability to retain great client relationships and deliver projects effectively and successfully.

Our success is based on extensive experience.

We interpret project specific requirements, then conceptually design, create and resolve how all elements align with sensitivities specific to the environment, delivering the best possible project outcomes for all involved.

We are proud to also highlight that beyond practical completion our services are retained on numerous projects to further develop and expand facilities for years after.



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Core services include.

- 01 High Voltage Electrical Design
- 02 Low Voltage & Communications Design
- 03 General & Emergency Lighting Design
- 04 Fire Alarm & Life Safety System Design
- 05 Security & Access Control Design
- 06 Heating, Cooling & Ventilation Design
- 07 Building Management & Controls System Design
- 08 Hot & Cold Water Generation & Distribution
- 09 Specialist Steam & Compressed Air Systems
- 10 Public Health Design
- 11 Utility Infrastructure Design & Co-ordination
- 12 Renewable, Low Carbon & Sustainable Design
- 13 Revit, BIM & 3D Design
- 14 Building, Due Diligence & Pre-Acquisition Surveys
- 15 Part L Compliance & Thermal Energy Modelling
- 16 SAP / SBEM / BREEAM / MEP
- 17 MEP Cost Consultancy



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