



McKee
Associates

Multi-disciplined building
services design consultancy.

**Food & Beverage.
Insurance.**

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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. Innocent Smoothies - Rotterdam

Sector. Food & Beverage

Services include. High Voltage Electrical Design. Low Voltage & Communication Design. Renewable, Low Carbon & Sustainable Design. Revit, BIM & 3D Design. SAP / SBEM / BREEAM / MEP.

Project overview. Innocent Smoothies first ever manufacturing facility designed in the UK, built in Holland.

McKee Associates were appointed to carry out the electrical design from the 25kV network dual supplies right down to small power distribution.

The site featured private 25kV, 10kV and 415V networks, and the design is one we are immensely proud of. We have supported the client and construction team from design stage through to the commissioning and handover with plenty of weeks spent on-site.

Our design responsibilities extended to Renewables, PLC Network Controls, 3D Modelling, BREEAM Compliance, HV & LV ETAP Modelling and much more. A great showcase of McKee Associates design capabilities and client support.





 **innocent**



CASE STUDY 2



AB InBev



Company. Ab InBev - Cold Beverage Bottling Plant



Sector. Food & Beverage

Services include. Fire Alarm & Life Safety System Design. General & Emergency Lighting Design. Heating, Cooling and Ventilation Design. Low Voltage and Communication Design.

Project overview. A bottling plant expanded to increase production output to multiple lines / areas.

We were tasked with extending the existing services to the new purpose-built production areas.

We were appointed to co-ordinate and design full mechanical and electrical services.



CASE STUDY 3



Company. Brecon Food - Baby Food Production Facility

Sector. Insurance

Services include. High Voltage Electrical Design. Low Voltage & Communication Design. General & Emergency Lighting Design. Specialist Steam & Compressed Air Systems.

Project overview. Located in Brecon Beacons, Brecon Foods suffered an internal services failure resulting in a flood which affected the whole factory.

McKee Associates were engaged immediately to provide MEP surveys and subsequently new designs to formally re-instate the production facility and further increase the capabilities of the existing plant.

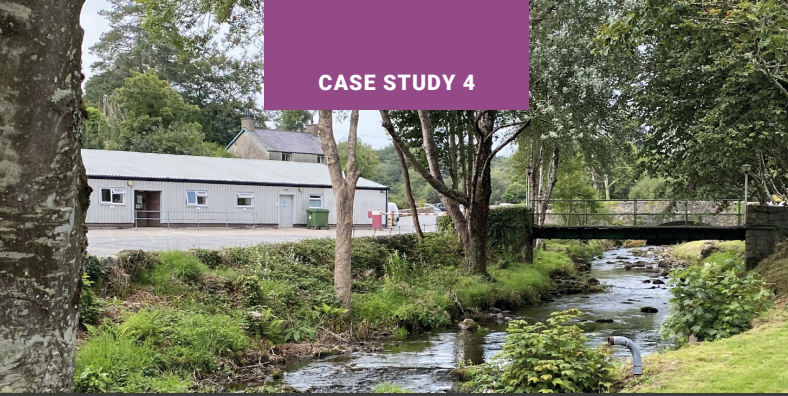
As part of the scheme we co-ordinated the OEM design requirements, increasing the network requirements for the specialist equipment.

Our services included the full mechanical, electrical, ATEX rated design, steam and compressed air designs along with the design of the relocation and the increased capacities of the main HV and LV supplies.



BRECON FOOD

CASE STUDY 4



Company. South Caernarfon Creameries

Sector. Food & Beverage

Services include. Fire Alarm & Life Safety System Design. Security & Access Control Design. Heating, Cooling & Ventilation Design. Building Management & Controls System Design.

Project overview. A dairy production facility expanded to considerably increase production output.

McKee Associates were tasked with extending the existing gas, water, steam and high voltage services to the new purpose-built production facility.

Internal to the new facility, we provided full mechanical and electrical services designs along with compressed air and steam distribution designs.

MEP designs were carried out to specific client food hygiene standards throughout.

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



Brochure designed and produced by
magicallogical.co.uk
A communication design agency



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