



BUILDING SERVICES CONSULTANCY

Expertise in:

- Data Centres**
- Commercial Buildings**
- Pharmaceutical Facilities**



Our Approach

We specialize in design development and engineering of Mechanical , Electrical and Plumbing building services. Our approach to MEP designs is to prioritize environmentally effective yet simply solutions which can play a key role in reducing carbon emission whilst maximizing building performance and energy efficiency.

Our team of multidisciplinary engineers have wealth of experience and knowledge needed to deliver projects from a concept to a final solution. We are keen on promoting modern, sustainable technologies which can contribute to better building functionality and improve how people interact with building operations.

We have extensive expertise in design of various cooling solutions particularly for data centres. Our friendly team of modellers and engineers can assist in thermal and water flow modelling. This in return can prove concepts at early stages of a project which can then pave the way to the detailed designs of high performing cooling systems.

We are committed to working together with end users so that they can benefit from the services that fully meet their aspirations and are part of a safe working environment. We are passionate about details and the way how the services and MEP equipment are going to be installed and operated. We aim to integrate some elements such as labelling and anticipated maintenance strategies into our designs as to ease future building operations.

All our engineers are members of CIBSE and ASHRAE and other professional engineering institutions.



Detailed services

- Air-to-Air , Air-to-Liquid and Liquid-to-Liquid cooling in data centres
- Chilled water systems
- Ventilation and air conditioning
- Thermal modelling /Computational Fluid Dynamics (CFD)
- Fuel systems
- Electrical distribution and power generation
- Lighting design
- Fire alarms and detection
- Heating systems
- Hot and cold water supply
- Above ground drainage
- Incoming water supplies
- Energy management
- Building control systems
- District heating systems
- Maintenance asset management
- Site Inspection
- Plant condition reports
- 3D and 2D CAD Production
- Building Information Modelling (BIM)



Fees

Depending on the job there are two type of fees as detailed below:

Fixed design charge: Typically this fee covers delivery of designs of building services-systems through all the RIBA Stages, from 1 (preparation and feasibility study) through to 7 (handover and close out), and is related to a specific project. This service could be limited to include only a specialist study or a design task.

Time charge: Typically this fee occurs when the client needs assistance and support in writing specifications for a new systems or equipment which they would like to procure. This service can consist also of review of someone else's designs, inspection of works, etc. and expert's witnessing or validation of the new system once equipment is procured and installed.

**Contact us to find out more,
we would love to hear from you.**

Mepexp Engineering

Tel: +44(0)2080643218

Email: info@mepexp.co.uk

London

United Kingdom

