

ENGINEERING

Our Engineers are selected to suit individual projects.

Our contract teams consist of a Contracts Manager, Design Manager (if D&B), AutoCAD Draughtsman, Foreman, and installation operatives.

Our Contracts Managers are responsible for ensuring the services provided by AD Mechanical meet with the high standards expected from our clients. They carry out the day to day engineering and management processes.

Duties include; site safety; procurement; programming; allocation of labour; supervision; commissioning and testing.



Our Contracts Managers are also on hand to liaise with client's representatives.

Projects are reviewed at our fortnightly management meetings, whereby reports are updated and issued to the client if required.

Our Contracts Managers are also provided training in the following:-

- CSCS Health & Safety
- SMSTS Health & Safety
- WRAS Guidelines
- Unvented G3 Hot water regulations
- GasSafe Regulations
- Asbestos Awareness
- Legionella Appreciation



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AD Mechanical Services Ltd was incorporated in December 2000.

From the beginning we have aimed to provide a professional and competitive service. We have formed a long lasting relationship with many clients, often whereby projects have been negotiated without competition.

AD Mechanical Services Ltd strive for ongoing improvement, professionalism and quality.

SERVICES

- LPHW Heating
- MPHw Heating
- Domestic Services Installation
- Above Ground Drainage
- Plant Rooms
- BMS Controls
- Air Conditioning Installations
- Heat Pump Installations
- Heat Recovery Ventilation
- Supply & Extract Ventilation
- Gas Installations
- External Water & Gas mains
- Rainwater Harvesting
- Dust & Fume Extraction
- Fan Coil Installation
- Science Laboratory Drainage
- Chiller Plant Installation
- Insulation Services
- Electrical Installations (in partnership)
- Water Treatment
- Legionella Water Management

PROJECTS

All types of mechanical services projects are undertaken on a pre-

designed, or design and build basis but always on a friendly and non contractual basis. Projects can range from £5k to £2.5million.

We have carried out various new installations ranging from new plant rooms at Universities and Schools, Air conditioning systems to new offices, underfloor heating systems to sports pavilions & new chiller and AHU plant installations to multiple storey office buildings.

Refurbishment and conversion projects are also undertaken,

recent projects have included the conversion of an office building to a residential apartment block.



We are also well conversed in working within occupied premises such as hospitals, institutions, doctor's surgeries and retirement homes. Such projects necessitate understanding and sensitivity in carrying out tasks around the ever

changing need of the staff and patients.

We have completed demanding projects within local hospitals and schools including; St Mary's Hospital, Portsmouth; Frimley Park, Camberley; St Mary's IOW; Battenburg Clinic, Goldsworth Primary School, Woking, Bulmershe School, Woking and Mayfield School Portsmouth

We are also well known for our design and installation schemes in domestic new build projects for housing associations in the south of England. We currently carry out over 500 unit installations per year ■

DESIGN

We provide a full mechanical design and build service, and provide a dedicated team equipped and trained using the latest software technology including Hevacomp and AutoCAD Building Design Suite.



We now also have the capabilities to work within BIM Modelling process, and are able to provide many additional services such as the following:-

- A fully accredited energy performance certificate (epc) service
- A fully accredited part I2a compliance checking and advisory service
- Full dynamic modelling of buildings
- Energy and CO₂ emissions assessments
- Advice on sustainability design concepts



- Building fabric and renewable strategies for low energy design
- Assistance with breem evidence
- Value engineering

We will work with our client to obtain project compliance with the latest building regulations, BREEAM recommendations and energy conservation measures.

Designs are undertaken from an initial brief, a site survey, or a fully detailed scheme. On this basis we ensure the project design is cost effective, user friendly and easy to maintain. Everything is produced to suit client specific requirements and budget constraints.

We pride ourselves on producing a quality design package including detailed design data, equipment schedules, coordinated drawings, and builders work requirements ■