



Manufacturing

Offsite M&E Manufacturing Services

TClarke

'TClarke's manufacturing capability delivers quality and certainty for our projects - that is something we rely on and find extremely valuable in achieving our goals.'

**Tom Kelly
Canary Wharf Contractors**

17 
Locations across the UK



TClarke

Our History and Values

We believe in quality.

We believe in direct employment.

We believe in skills and training.

We believe in partnerships with our clients.

Since 1889, TClarke has been an acknowledged industry leader and innovator; first in electrical contracting and now in full building services, including world class in-house mechanical and ICT.

All our manufacturing, assembly, prefabrication and modularisation capabilities have now been consolidated in our purpose designed manufacturing facility.

Our Capabilities

26,000 sq ft multi-disciplinary environment with dedicated areas

- Office space with design, 3D modelling and 2D drawings
- Fully fitted pre-wired plug and play utility cupboards
- Skid Mounted HVCA Packages
- Single and multiservice modules
- Panel building



Welding Excellence, Testing and Certification

ARC, GAS, MIG & TIG to best practice standards.

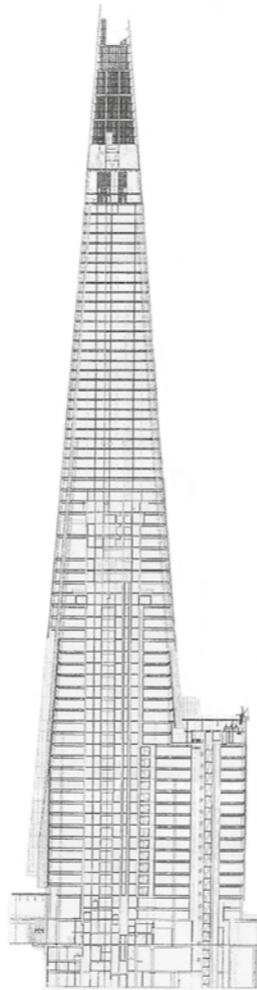
TClarke Manufacturing Facility is now a BESCA welding approved test centre. As well as supporting excellence in the HVCA industry, this also allows us to train and certify our own apprentices.

Safety, Quality and Value

Working with client design teams and principal contractors, TClarke actively encourages and promotes the key aspects of process quality:

- Clear management
- Collaboration of all trades
- Understanding the iterative process
- Early sign off of multiservice federated models
- Incorporation of the support frames into the BIM model
- Offsite management of the fabrication process.





Full Range of Services

- Full in-house design capability
- Pipework/Racks
- Multiservice Modules
- Packaged Equipment Skids
- Containment
- HIU/CIU Skids
- Utility Cupboards
- HEMS Skids

We manufacture modules of all sizes from light weight high level modules to pump rooms and plant room skids. Specialist in-house teams carry out each stage of the process and this includes testing and inspection ready for delivery to site.



Modularisation and Prefabrication

DfMA capabilities developed over decades

- Innovative designs and value engineering
- Lean manufacturing approaches
- Standardisation of designs to maximise productivity
- High quality fabrication drawings and NC data



Early Engagement to Maximise Value

We can share design principles and hold workshops with client design teams to maximise workflow efficiency and develop the best possible off site strategy.

All the services

Single and multiservice modularisation, expertly fitted to required standards for all HVAC equipment.

These can form

- High Level Distribution Modules
- Underfloor Modules
- Gantry Modules
- Valve Sets
- Pump Skids
- Chiller, Riser & Plantroom Modules
- Prefabricated pipework where modules are not the best solution



We do it all from design to installation

The complete TClarke service means a seamless programme delivery, from the DfMA drawings and design stage, through value engineering on to high quality offsite manufacture.

TClarke teams will then deliver onsite and carry out the complete installation and commissioning. This end-to-end service maximises quality, efficiency and value.





World Class Control Panel Manufacture

Based at our manufacturing facility is the world-class ETON Control Panel Assembly Plant, where specialist teams design & build Control Panels for a range of building management systems (BMS) including: HVAC, electrical distribution, ATS's and medical panels.

Additionally, our manufacturing facility provide bespoke panel solutions for other non-building services sectors including marine engineering.



Great Clients: Deep Relationships

'For successful offsite assembly, early engagement with designers and engineers like HPF is critical. The entire process is information model-based in order to spatially co-ordinate effectively. Tendering has to be adjusted and to allow a design fee for the partnering MEP manufacturer/contractor, early in the design process.'

Thomas Lindner
Hurley Palmer Flatt



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