tga | Consulting Engineers



Capability Statement

Delivering innovative, efficient, and sustainable Building Services Engineering solutions

July 2025

Who We Are

We are a leading specialist in Building Services Engineering, offering over 60 years of expertise in delivering mechanical, electrical, low-carbon and building-performance solutions.

Operating from five strategically placed offices, our integrated teams manage projects of all sizes across the UK.

Our Approach

- Take time to build a good working relationship
- Be clear from the start about what we think you need
- Be open, honest, and work in partnership with you
- Keep you up to date with our findings
- Deliver your project successfully

Our Sectors

- Commercial
- Education
- Healthcare
- Heritage
- Industrial
- Leisure
- Multi Residential
- Public Sector

Our Services

Mechanical, Electrical and Public Health

Comprehensive design and consultancy services covering heating, ventilation, air conditioning, power distribution, lighting, and water systems.

Specialist Lighting

Tailored lighting design solutions that enhance architectural aesthetics, functionality, and energy efficiency.

Building Performance

Analysis and optimisation of a building's energy use, carbon output, thermal comfort, and operational efficiency through advanced modelling and performance-led design strategies.

Building Information Modelling

The use of digital modelling to enhance collaboration and coordination, delivering intelligent BIM models that streamline design, reduce on-site issues, and support efficient project delivery.



MEP

SL

BP

BIM

Example Projects

Salford Cathedral
Salford, Greater Manchester

TGA were commissioned by the Diocese of Salford to provide M&E and Building Performance services on the reordering of Salford Cathedral, including energy and carbon studies.





Monkwearmouth Hospital
Sunderland

TGA provided the M&E design for Monkwearmouth Hospital, as well as the BREEAM Design Stage Assessment which achieved a targeted Excellent rating.

The Royal Horticultural Society
Surrey, Essex & London

TGA were commissioned by the RHS to provide professional services associated with surveying and proposing energy efficiency and low carbon heating and renewable power solutions at three RHS sites.





Callerton Academy
Newcastle

TGA provided M&E and Building Performance services for a new multi-use, three-storey secondary school – including teaching facilities, a flexible space for dining, assemblies and an administration area.

Hull Maritime Museum
Hull

TGA Consulting Engineers provided traditional M&E and Building Performance services associated with the refurbishment of the Grade 1 listed Hull Maritime Museum as part of the £26m Heritage Lottery Funded Maritime City Project for Hull City Council.





Freeman Hospital
Newcastle

TGA provided the design for M&E services in the £23m newbuild Institute of Transplantation at Freeman Hospital.

Mathematical Sciences and Computer Science (DU)
Durham

TGA completed the M&E design for the BREEAM Excellent newbuild project at Durham University, including the use of low/zero carbon technologies such as hybrid VRF condensers and a PV array.





Wyldewoods Retirement Village
Chester

TGA were appointed M&E engineers, Building Performance and Specialist Lighting Designers on a newbuild, self-contained retirement village, featuring significant landscaped and streetscape areas.

Contacts



Graeme Carr
Director
Heritage Lead
M: 07764 211141
E: graeme.carr@tgace.co.uk



Scott Graham
Director
Business Development Director
M: 07545 742849
E: scott.graham@tgace.co.uk



Jason Jobes
Director
Operations Director
M: 07971 151140
E: jason.jobes@tgace.co.uk



Stephen Weddle
Director
Head of Digital Technologies
M: 07494 179 214
E: stephen.weddle@tgace.co.uk



Matthew Cole
Director
Stockton & Leeds Office Lead
M: 07496 497935
E: matthew.cole@tgace.co.uk



Emma Marshall
Technical Director
Healthcare Lead
M: 07720 591790
E: emma.marshall@tgace.co.uk



James Davison
Associate
Specialist Lighting Lead
M: 07539 869897
E: james.davison@tgace.co.uk



Stephen Olley
Southern Office Lead
M: 07739 950083
E: stephen.olley@tgace.co.uk

Newcastle

Suite 5C
West One
Forth Banks
Newcastle upon Tyne
NE1 3PA

Stockton-on-Tees

Office 150
Fast Track House
Thornaby
Stockton-on-Tees
TS17 6PT

Leeds

Yorkshire House
Greek Street
Leeds
LS1 5SH

London

Spaces
77 Farringdon Road
London
EC1M 3JU

tgace.co.uk
0191 386 2314
admin@tgace.co.uk
TGA Consulting Engineers Limited