



**Mechanical Service, Design & Installation**





# Company profile

As a company we pride ourselves on our ability to shape our service in line with the requirements of our customers, delivering quality, performance and success as a team.

As 'Chartered Building Services Engineers' with over 25 years of on-site experience, we believe that we have the significant advantage of being able to turn a consultants proposals into a fully operational installation. Taking account of each and every facet of the project development and its constraints.

Due to the varying demands of our customers we have structured our organisation to enable us to offer a tailored service capable of meeting all the HVAC and mechanical services requirements they may desire. This has led to us working with a wide variety of customers covering a diverse spectrum of markets and challenges.



Below is a brief detail of a small number of projects, which identify some of our recent achievement's



Wilkos  
Nationwide

We have worked with the Wilkinson Group for over 8 years, assisting them with feasibility studies, detailed designs and full installations of the mechanical services throughout their high street stores.



Toys R Us  
Plymouth

We have worked with this client both as a sub-contractor to Bridgford Interiors and also directly with the client. On the Plymouth store we undertook a feasibility and design study for the replacement of the existing HVAC system within the trading store. This led to us undertaking the full removal of the existing systems and replacement with a new VRF system, whilst maintaining the stores operational hours.



Oldbury Nuclear  
Power Station  
Gloucestershire

Our remit on this project was the design and installation of new DX & VRF systems. The requirement was to replace the decommissioned steam generation equipment with a system capable of providing a seamless integration into the existing HVAC systems without disruption to operations.

Typical contract duration

8 Weeks

Contract duration

9 Weeks

Contract duration

6 Weeks



## Holiday Inn Express Birmingham

We undertook to fast track the retrofit of comfort cooling to a newly refurbished 224 bedroom hotel. This required significant adaptability and thought to allow stringent targets to be met and completion to be achieved.

Contract duration

12 Weeks



## Shelton Hospital Shrewsbury

This project required us to re-engineer a consultants designed proposal which offered concerns over both performance and efficiencies. Our design had to be capable of meeting the space requirements outlined by the PCT with a reduced budget and extended life cycle. We were able to achieve this by working closely with a number of manufacturers to enable an optimum solution to be found, whilst using their standard product range.

Contract duration

18 Weeks



## Premier Inn NEC

Our role was to undertake the design, and replacement of the existing comfort cooling found within the bedrooms, whilst maintaining the operation of the hotel. This was achieved by formulating a detailed programme and delivery schedule which allowed strict targets to be met and close control to be achieved.

Contract duration

24 Weeks



# J.CREW

J. Crew

Regent Street



In April 2013 we entered into a lengthy tender programme for the installation of the mechanical services for the first store outside of North America for J Crew. This store was to be located in the heart of Regent St and was required to be a statement of intent, for the high end fashion retailer. The project itself had been fully designed but required significant input from the multi-disciplinary contract team to turn the proposal into reality. Following numerous cost submissions and a rigorous post tender interview process, the client team felt that TGAC offered both the professional and personal attributes they had been looking for. A new market sector for J Crew, it was imperative to them that they found a contract team who they could rely on. One that would guide them through a very different construction environment, in one of the most challenging locations in Europe.

The project itself encompassed a number of challenges, none more complex than the coordination of the M&E services into the fabric of the building around the bespoke joinery and cabinet work forming the client visual representation. TGAC took the lead role in the coordination, working closely with the construction manager and the interior designers to ensure a seamless interaction between all facets of the scheme. This close relationship proved invaluable in allowing the project to be completed both on time and within budget.

J Crew's flagship store opened to a flood of media interest and has proved to be a great success.

The close interaction between TGAC and the client team continues to this day. We have undertaken the fully design, coordination and installation of the mechanical services in a further four stores in London and their first store in Paris.

Contract duration

## 16 Weeks



## JD Williams

(Jacamo & Simply Be)

Various

In 2014 we became involved with JD Williams as we assisted them with their fast track rollout of three new stores. They were located on Oxford St, in Edinburgh and in Birmingham. The mechanical services requirements on these projects ranged from a full service and re-commission of an existing system. The refurbishment and remodel of an old installation, and a complete feasibility, design and installation programme for full HVAC systems.



## Mallory Court Hotel, Leamington Spa

As part of the hotel's expansion programme TGAC were instructed to assist the client's architectural design team as they formulated a scheme for a new Spa and leisure facility within the ground of their existing hotel. Our remit was to help guide the design team through the possibilities for providing a fully controlled internal environment within their new 5\* facility. Leading on through to the formulation of a comprehensive performance brief and preliminary design.



AMERICAN EAGLE  
OUTFITTERS

## American Eagle Stratford City

Following on from our success with J Crew, our team was tasked in providing the mechanical services for another American fashion retailer entering the UK market. This time our scope involved remodelling an existing HVAC installation to suit the new internal layout required by the retailer.



## Starbucks Nationwide

Over the past 3 years TGAC have designed, installed and delivered a number of retail outlets for the leading chain of coffee shops. These stores have been located nationwide and have covered many challenging aspects, yet all have been delivered on time and on budget.



## El Gato Negro Manchester

The project brief was to assist in the relocation of an established, Michelin starred, Tapas restaurant into the heart of Manchester. TGAC were instructed by the Client to work with the design team to produce a fully controlled internal environment, becoming of a high end restaurant.



The complexities of the project revolved around the need to combine all the internal services and plant within the restricted property envelope, whilst maximizing the operational space for the customer.

Many difficulties were faced in meeting the clients requirements, not least the need to service the multi-use spaces independently from each other and from the show kitchen & basement prepare facility.

The combined challenges on this project enable the TGAC team to demonstrate the full range of the knowledge and abilities needed to deliver an effective solution to the most complex of client demands.

Contract duration

# 14 Weeks





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## Vydrofarm Coventry

Our role on this project has been to work closely with Hyrdogarden in the development of a vertical Farming system capable of allowing fast growth of herb & salad products in remote locations and extreme climates. The need to maintain a close controlled, ambient internal environment within a sealed enclosure led to the design of a bespoke packaged air conditioning system capable of offsetting the challenging & variable external conditions found worldwide. We continue to work with Hydrogarden on evolving and simplifying the systems, in the hope of achieving a cost effective solution to some of the world food production issues.



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“Taylor Grace Air Conditioning were recommended to Hydrogarden by Toshiba, as a company capable of working closely with us in developing a cutting edge hydroponic vertical farming system. From the initial contact right through the continuation of development the team at Taylor Grace have proved themselves to be technically knowledgeable and practically flexible. They have also demonstrated the high levels of professional discretion needed when working in the field of Research and development. We hope to continue our relationship with their team as we bring the future forward.”

**Steve Fry**

Commercial Sales Manager, HydroGarden

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“Just a quick note to thank you and your team for your efforts at Greene King – Wolverhampton & Walsall. In what transpired to be an extremely tight and challenging programme, your response to site issues and the quality of your work remained at an extremely high level to enable deadlines to be achieved with minimal snags.

Once again, many thanks.”

**Nigel A. Purdy**

Silcock Dawson & Partners

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“We have worked successfully with Taylor Grace on a number of different projects in recent years. They have a proven ability to meet tight deadlines and produce quality workmanship. We have found them to have a flexible working relationship with the team.

We have found them an excellent contractor to work with.”

**Mike Parkinson**

Technical Director, Foreman Roberts Consulting Limited



## Tesla Knutsford

In October 2014 we were approached to assist in the delivery of Tesla's first showroom outside of London. The client's vision was to create a space which focused solely on the Tesla brand and the cutting edge design of the product. The design of the mechanical services focused around creating a neutral internal environment, irrespective of the external ambient conditions. Comfort conditions needed to be at their optimum, but had to be unobtrusive. All aspects of the mechanical services required concealing within the wall structures or above the ceiling finishes, conditioned air had to be delivered to the occupied space without any visual recognition. To add to the complexity of this project the legal & client requirements for regular maintenance of the M&E services focused the design around ease of access to the main items of plant and equipment.



Meeting the tight constraints of the project requirements produced a challenge which required a considerable amount of coordination and negotiation between trades to ensure the best solution was found for the client.

TGAC input and guidance was key in allowing the project targets to be met, handing over a fast track project on time and within cost.

Contract duration

# 5 Weeks



## Qualifications Membership

Throughout our organisation we pride ourselves on the qualifications we have achieved, at all levels, we strive to continue our professional development.

Displayed are a selection of the governing bodies our team members have become recognised by, and upon who's regulations we operate within.



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“I’d just like to say thank you to Jon, Richard, and the rest of the team for all of your hard work in carrying out the project at Ilford. I know it wasn’t without it’s challenges but your team have dealt with everything extremely professionally and efficiently, even getting Unistrut and threaded rod in plumb and level!”

**Iain Sutton**

Project Manager, Toys R Us

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“Here at Bridgford Interiors we pride ourselves in delivering an exceptional service to our customers. Since the work of the sub-contractors we employ is a direct reflection on us, we only work with reputable customer-focused companies such as Taylor Grace who’s attention to customer-service is also second to none.

Jon and his team always take the time to listen to the client’s needs, discuss options, make suggestions and ensure that both parties agree on the direction of the project. Regularly employed tradesmen and an established management team ensure that a consistently high standard of service is provided, so it is no surprise that many of our retained clients are always pleased when we employ Taylor Grace on their projects.”

**Stuart Moore**

Director, Bridgford Interiors Limited



Along with the previous projects, we have worked for clients across all market sectors and many locations nationwide. We have formed working partnerships with many major consultants and contractors and have continued to strengthen these links.

Our experience and qualifications have allowed us to gain accreditation with most of the main manufacturers, such as Mitsubishi Electric, Toshiba, Daikin, Hitachi, VES, Systemaire, and Lennox, to name but a few. This has led to us being recommended or nominated on a wider range of projects to clients previously unknown to us.

It is these referrals which we believe give us the experience and profile to be able to meet the new challenges offered by a wider client base.

**Jon Oldknow** B.Eng (Hons), C.Eng, MCIBSE.  
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