



**Taylor &
Stapleton Ltd**
Established in 1973

High Performance Buildings

How our Future-Fit Commissioning Management and HVAC
Commissioning is leading the industry forward

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About Us

Our Story

Founded in 1973 by industry pioneers Paul Taylor and John Stapleton, Taylor & Stapleton began with a focus on providing top-tier Operation and Maintenance (O&M) publication services grounded in strong construction industry expertise. Recognising a growing need for independent commissioning specialists, the company soon expanded into building services commissioning, evolving into one of the most respected HVAC commissioning firms in the South of England.

Our Approach

At Taylor & Stapleton, we combine tradition with innovation, upholding our core values of integrity, quality, and reliability. We partner closely with design, construction, and operations teams from the outset, ensuring each project is meticulously planned and executed to deliver enhanced building performance, reduced operational costs, and improved occupant satisfaction.

“

We’re driving technological integration, sustainability and client centric solutions to deliver buildings fit for the future.

Andy Chapman, Director

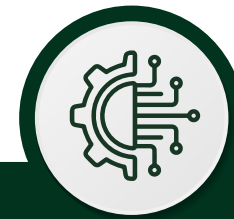


Future Fit Commissioning Management

The commissioning management industry is evolving rapidly, driven by technological advancements, sustainability demands, and shifting client expectations. Green building certifications like LEED and BREEAM now require rigorous commissioning to ensure sustainable designs are realised. As net-zero energy buildings and renewable energy sources become more prevalent, the need for Future Fit Commissioning Management grows. At Taylor & Stapleton, we consider this to be:

- ✓ **Tech-enabled**
- ✓ **Value-driven**
- ✓ **Collaborative**

Guided by the CIBSE Code M, our multidisciplinary team oversees the entire commissioning process—from design to final handover—ensuring optimal system performance, quality, and efficiency. We manage system testing and validation, guaranteeing smooth, effective operation from day one.



Tech-Enabled

Enhancing co-ordination, visualisation, and efficiency during design and construction, reducing errors and improving commissioning management.



Processed

A standardised industrial approach capable of effectively managing large-scale projects.

Reverse engineered, planning from the desired outcome back to the initial steps.



Adding Value

Delivering enhanced building performance with greater transparency, accountability, and performance assurance. Adding value through reduced operational costs and improved occupant satisfaction beyond compliance.



Collaborative

An integrated team approach, where commissioning management specialists work closely with design, construction, and operations teams from project inception to ensure seamless delivery and long-term value.

Future Fit Commissioning Management is driving technological integration, sustainability, and client centric solutions. At Taylor & Stapleton we're leading this change and delivering buildings that meet the demands of the future.

The T&S Way

At Taylor & Stapleton, excellence is our standard. Our 13-step process, backed up by AuditCert, meets with the requirements of BSRIA BG11, and ensures every project is meticulously managed from start to finish. The T&S way guarantees quality, enhancing building performance, and delivers lasting value.



Leading Digital Innovation: AuditCert

We are at the forefront of the rapidly evolving construction landscape. AuditCert, our all-in-one solution is designed to revolutionise the way your business handles commissioning processes.

Our platform offers a suite of powerful tools tailored specifically for MEP commissioning companies. AuditCert streamlines project management and enhancing collaboration across teams.



Project Hub: Streamlined workspace for creating and storing projects.



Project Dashboard: Full command centre, offering detailed project analytics and insights.



The Commissioning Tracker: Manage and monitor the commissioning process of MEP projects, ensuring every task and milestone is on schedule.



The Observation Tracker: Review and resolve project observations, blockers, and snags efficiently.



RAMS Tracker: Simplify the management and approval of Risk Assessments and Method Statements, keeping all documents up-to-date and compliant.



The Activity Log: Comprehensive record of all activities and changes within the platform, ensuring transparency, accountability, and traceability.



Discover how →



HVAC Commissioning

Accurate HVAC commissioning is crucial for ensuring a healthy, safe and comfortable indoor environment. At Taylor & Stapleton, we provide tailored services to meet each client's needs with a thorough and meticulous approach.

Our HVAC Commissioning services include:

- Pre-commissioning survey
- LTHW and CHW systems
- Domestic hot & cold water systems
- Supply and extract ventilation systems
- Measurement, analysis & setting up of room pressure differentials/regimes
- Pressurised staircase & fire fighting ventilation systems
- Working with the controls commissioning engineers to ensure complete integration between the mechanical services and the controls operation
- Clean room commissioning

The above services are supported by comprehensive and detailed reporting.



Validation, Surveys & Troubleshooting

Alongside commissioning, we provide independent inspections and performance checks to ensure your systems operate efficiently. Our HVAC Validation/Survey Services include:

- Ventilation & closed water system performance analysis
- Water quality assessment
- HTM 03-01 critical system validations
- Clean room validations
- Ductwork cleanliness
- Thermal imaging
- Plant condition surveys, helping the client understand the life expectancy of equipment
- Commenting on access issues
- Identify repair works
- Ductwork pressure/leakage testing
- Room airflow pattern visualisation

The above services are supported by comprehensive and detailed reporting.

Troubleshooting

We provide an unrivalled troubleshooting service to address building services that are not working as expected. This service involves a data driven diagnostic approach starting with the symptoms being presented and working backwards, towards the root cause. This data driven diagnostic approach, along with our expertise within the commissioning management, HVAC commissioning and validation fields, allows us to see “the bigger picture” for an accurate diagnosis. Once the issue has been diagnosed, a programme of repairs can then be put into place.





Collaboration

We believe that successful commissioning and project delivery hinge on collaboration. Our approach emphasises building strong partnerships with all project stakeholders, ensuring seamless integration from design through to final handover.



Integrated Team Approach

We focus on our clients' unique needs, providing regular, transparent updates



Technology-Driven Collaboration

Our AuditCert solution enhances communication, giving stakeholders access to critical information anytime, anywhere

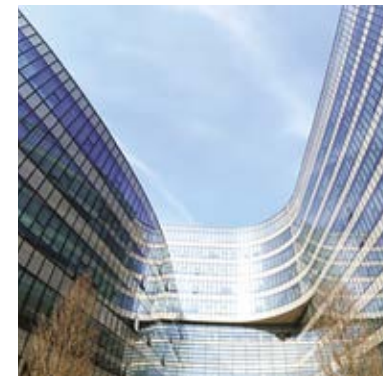


Long-Term Partnership

Our support continues post-handover with seasonal commissioning, maintenance advice, and "Soft Landings" strategies

Industry Markets

Taylor & Stapleton brings decades of expertise to a wide range of sectors, delivering tailored solutions that meet the unique demands of each industry. Discover how we've applied our skills in real-world projects by exploring our case studies.



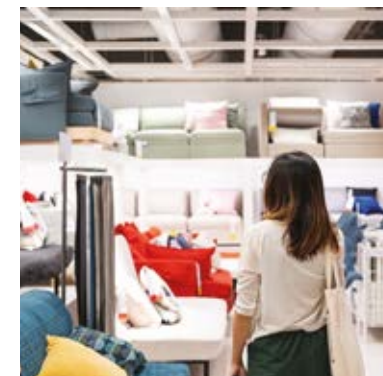
Healthcare



Pharmaceutical



Education



Commercial and Retail



Residential



Leisure and Entertainment



The Ray Dolby Centre

Project Overview

We provided commissioning management services for the Ray Dolby Centre, part of the University of Cambridge's Department of Physics. This new facility is designed to be a hub for collaborative research, accommodating both students and the wider scientific community. The project is part of the university's commitment to advancing science and research, serving as a state-of-the-art venue for various educational and research programmes.

Requirement

The University of Cambridge needed a comprehensive commissioning process to ensure the Ray Dolby Centre's complex building services would meet operational needs. The challenge was ensuring a seamless collaboration among various stakeholders, including professional and construction teams, while navigating the intricacies of the building's systems.

Solution

We took responsibility for the entire commissioning process, from RIBA Stage 3 design reviews to Stage 7 soft landings and aftercare. This required extensive collaboration with all project stakeholders. A notable aspect of this project was managing the building services interface between the Ray Dolby Centre and the adjacent West Hub.

The Result

The project achieved practical completion, with handover, client moves, training, and aftercare continuing for many years. Our management ensured smooth operations, creating long-term benefits in efficiency for the University of Cambridge.



Telstra – London Hosting Centre

Project Overview

We were engaged to validate and troubleshoot the cooling systems at Telstra's London Hosting Centre (LHC) as part of an energy conservation project. Over the years, multiple small-scale upgrades were made to individual plants, but the overall system had never been reviewed for efficiency. The goal was to evaluate the performance of the cooling system to improve energy conservation.

Requirement

The client wanted a thorough assessment of the energy consumption per plant and a review of the system's hydraulic performance. Their aim was to identify inefficiencies and reduce the overall energy consumption of the cooling system, which would lead to significant cost savings.

Solution

An initial survey was conducted to record the energy usage of each plant. After reviewing the findings with the site team, adjustments were made to the speeds of the primary chilled water pump and condenser water pump. Minor changes were also implemented to the secondary chilled water distribution system, and the results were compared to the initial data.

The Result

The system modifications resulted in an estimated annual energy saving of 500 MWh. Additional potential savings of another 500 MWh were identified by adjusting the Building Management System (BMS). In total, the potential energy savings amounted to over 1 GWh annually, providing substantial long-term operational savings for the client.





Colchester Hospital

Project Overview

We were engaged to provide mechanical, electrical, public health, and life safety commissioning management services for the new Elective Orthopaedic Centre at Colchester Hospital. This cutting-edge facility, one of the largest healthcare developments in the UK, will feature eight operating theatres and 71 beds across three floors, supporting the hospital's mission to deliver advanced surgical care.

Requirement

The client, MTX, sought commissioning management services that would span from the design review stage through to the building's handover. This required developing a comprehensive commissioning programme, managing on-site contractors, and ensuring the seamless integration of all building systems to meet the hospital's operational needs.

Solution

We implemented a robust commissioning strategy, leading the process from initial reviews to on-site management and documentation validation. The team chaired regular commissioning meetings and collaborated closely with contractors and the client to ensure all systems, particularly those critical to patient care, met stringent regulatory standards.

The Result

With our management, the Elective Orthopaedic Centre provides a state-of-the-art healthcare environment, equipped to support efficient and safe medical procedures for years to come.



The Pears Maudsley Centre

Project Overview

We were contracted to deliver comprehensive commissioning services for The Pears Maudsley Centre at Denmark Hill, Camberwell. The project involved creating 12 suites for live-in mental health patients, additional office space for staff, and outpatient observation areas. This centre is a critical development in supporting children's mental health in the region.

Requirement

The client, The Pears Maudsley Centre, required the complete commissioning of all closed water, domestic water, and ventilation systems throughout the building. This included water treatment of closed systems, disinfection of domestic water systems, and ensuring stable system chemistry in line with industry regulations.

Solution

We conducted the full commissioning process, including successful water treatment and flushing of all closed water systems. The team also completed the commissioning of the chilled water and low-temperature hot water services, ensuring the effective disinfection of domestic hot and cold-water systems.

The Result

The commissioning was successfully completed, ensuring stable and compliant system chemistry across all closed water systems. Ventilation systems and domestic hot water services were fully commissioned, providing a safe and functional environment for the children and staff at the centre. This project will deliver long-term operational reliability for the NHS trust.





Sky Studios

Project Overview

We were appointed to manage the commissioning for Sky Studios at Elstree, Borehamwood. This 36-month project involved the commissioning of 10 individual buildings, including offices, sound stages, workshops, and a multistorey car park. The project aimed to ensure that all mechanical, electrical, and public health services were operational for the studios' first major production.

Requirement

The client required commissioning management for all mechanical and electrical services, working alongside their validation team to meet tight deadlines. With a phased handover of the site and interconnected buildings, there were challenges in ensuring timely completion while allowing early access to certain areas, such as sound studios, for production purposes.

Solution

We worked closely with the Sky project team to align with their tight filming schedule. This required ongoing co-ordination to grant access to sound studios while completing the commissioning. Contingency plans were put in place to manage access challenges and prevent delays, ensuring that testing and commissioning were completed without interrupting production activities.

The Result

Despite the complexities of phased handovers and occupied buildings, we successfully delivered the commissioned buildings on schedule, allowing Sky to commence their film production without significant disruption to operations. The project was completed with minimal inconvenience to building users.



Royal Albert Hall

Project Overview

We have been engaged in multiple projects at the iconic Royal Albert Hall, including the installation of a new cooling system for the auditorium, plant replacement for ventilation, and troubleshooting existing cooling systems. These projects were vital for ensuring the comfort of visitors and the operational efficiency of the venue.

Requirement

The Royal Albert Hall required commissioning management services across several key projects, including planning and reporting on the installation of a new cooling system and upgrading ventilation systems. Due to the Hall's status as a listed building, work needed to be carried out without disrupting its regular events and educational visits.

Solution

We provided expert commissioning management and plant performance surveying. We attended the site throughout the installation and commissioning phases, co-ordinating with project teams to ensure work progressed smoothly. Special care was taken to ensure the venue remained operational, adhering to the principle that "the show must go on."

The Result

The successful completion of these projects resulted in significant improvements in visitor comfort and system reliability. All work was delivered on time and within budget, without disrupting the venue's daily operations, ensuring the Royal Albert Hall continues to host events smoothly.



Accreditations

At Taylor & Stapleton, our commitment to excellence is reflected in the industry-recognised accreditations we hold. These certifications demonstrate our adherence to the highest standards of quality, safety, and performance in commissioning management and HVAC commissioning.



The business continues to develop and maintain excellence, from within.

Andy Chapman, Director



Testimonials



“Taylor & Stapleton consistently deliver outstanding commissioning management. Their proactive approach ensures systems testing and commissioning are well organised, issues are quickly resolved, and projects are completed on time. Their experience gives us confidence in the final outcome, and I would happily recommend them for future work.”

**Gianriccardo Quattromini,
Senior Technical Services
Manager,
Overbury**



“I am grateful for the exceptional work by Taylor & Stapleton as Commissioning Audit Managers on the West Hub and Ray Dolby Centre projects. Their expertise, attention to detail, and clear communication ensured we were well-informed and confident in their findings. I would have no hesitation in working with them again.”

**Matt Allen,
Project Director,
University of Cambridge**



“I have worked with Taylor & Stapleton on two previous hospital projects and look forward to working with them again. Their invaluable knowledge during the commissioning period helped avoid pitfalls, push subbies to stay on track, and manage the client through witnessing and training. I highly recommend them.”

**Callum Baldwin,
Project Lead,
MTX Contracts**



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