



Protect your High Value Assets
We're raising the gold standard in construction quality



**MANAGING QUALITY.
IMPROVING PERFORMANCE.**

Protect your High Value Assets



Protect your high value assets

Pharmaceutical plant or nuclear facility. Hospital or research establishment. Iconic building or prestigious residential development. For any high value asset, the quality and finish are critical. But with numerous contractors working on the project, how can you ensure that no one uses the wrong or counterfeit materials or cuts corners to complete the work on time?

Assure quality & finish

A relatively small investment in a robust Quality Assurance programme mitigates risk & guarantees that everything you've asked for is delivered at every stage of the project. The aim of the programme is to maintain the right level of quality through our proven methodology, giving you documented proof that your new facility or building meets the standards expected of a high value asset.

Proof of a good investment

Long-term reliability, low-cost maintenance and the entire 'asset life' are key performance indicators for the value of an investment. When a high value asset is bought or sold, be it a luxury apartment or a pharmaceutical facility, a documented proof of the quality and finish of the asset gives potential buyers or sellers the assurance that their investment is worthwhile. This assurance is a powerful tool that ensures a secure and good return on invested capital.

The benefits of Construction Quality Assurance (CQA)

A relatively small investment in a CQA programme can bring huge benefits at the end of a project – reducing the time and cost to get a high quality facility up and running.

Benefits for owners

- A high quality facility/building is delivered using the right materials and techniques to achieve the expected finish
- Quality issues are identified and resolved during construction – so commissioning is streamlined
- Fewer issues surface at a late stage in the project or after occupancy
- The facility is productive much sooner – and easier to run and maintain
- The facility is more reliable, with minimum downtime for repairs
- Good documentation of construction quality provides assurance to future investors

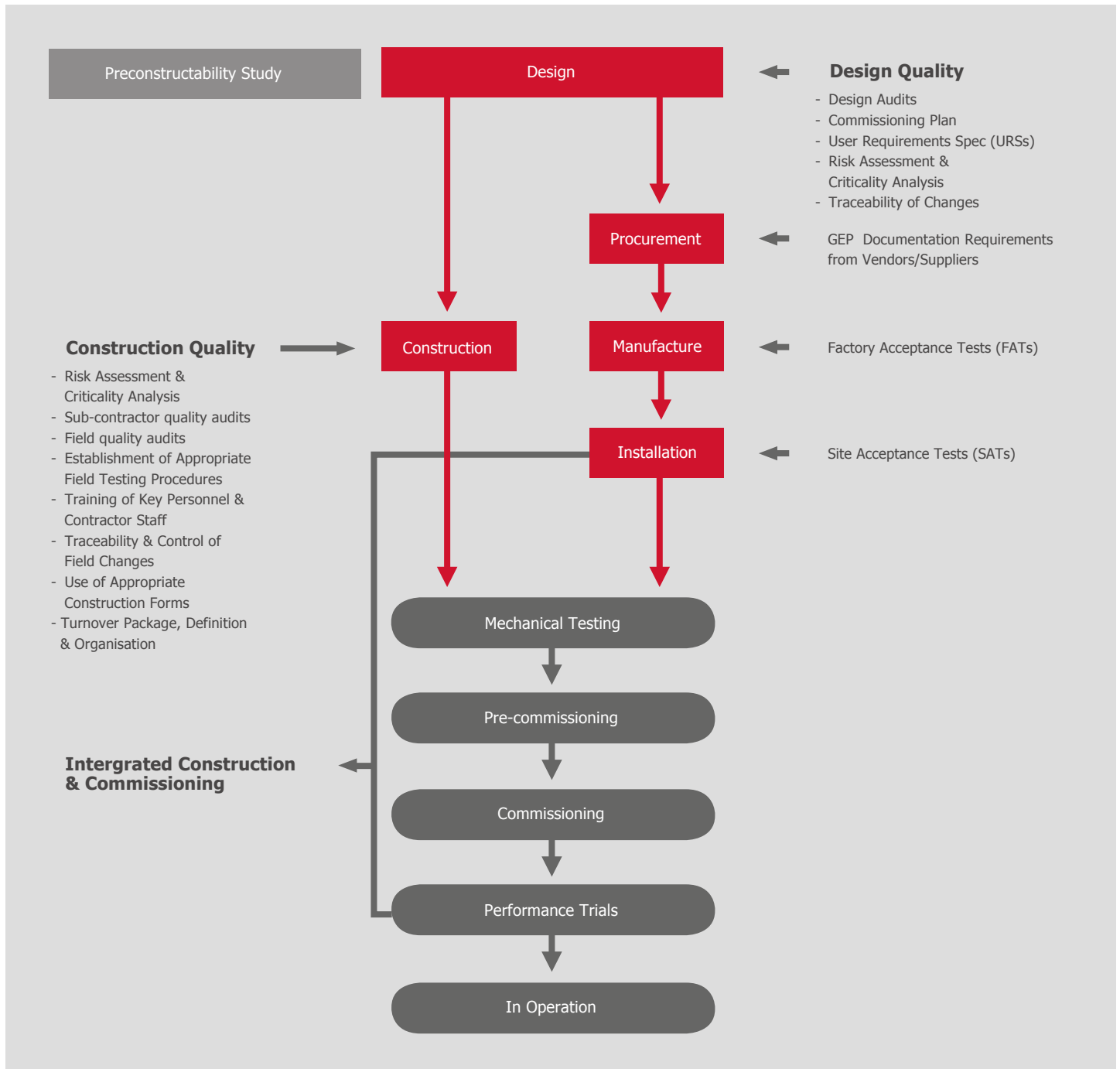
Benefits for contractors

- Reduces the amount and cost of rework
- Shorter punch list at the end of the project
- Project closeout is more timely
- Final payments are made more quickly

“By implementing a Construction Quality Assurance programme for Eli Lilly’s new US\$400m biotech facility, we made sure that quality issues were detected and resolved much earlier. As a result, the construction phase ran smoothly. And not only did the project come in under budget and ahead of schedule, the facility was in great shape for staff to start developing new products.”

Bruce Beck, Corporate Director for Global Facility Delivery, Eli Lilly

Raising the gold standard in construction quality

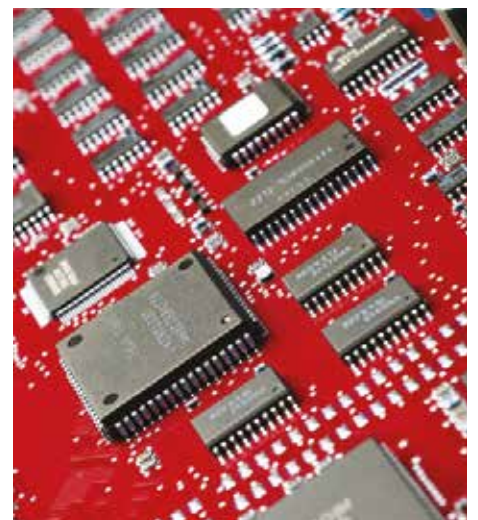


Construction Quality Assurance – the value is clear

With a programme that runs in parallel with the construction phase of a project, CQA ensures that a facility is delivered on time, as specified and to the highest possible standards of workmanship. An effective CQA programme translates good design and engineering into good construction, avoiding many of the problems usually encountered during commissioning and start-up. Ultimately, a facility or a building with a comprehensive CQA programme is more likely to have a trouble-free transition into the commissioning phase of the project and beyond.

The importance of good construction quality

A well-designed facility with a first-class specification has little value if it's poorly constructed and littered with defects. While an appropriate level of quality is usually agreed for the design and engineering phases of a project, it's often overlooked for the construction phase – the time when quality issues have the greatest impact on a facility's performance. Good construction quality is essential if you want your investment value to be guaranteed. If the overall construction quality is poor, this will lead to a poor return on invested capital as well as a loss of credibility and brand value.



Experts in Quality

SPGL – Experts in Quality Assurance

With considerable experience from numerous large-scale projects, SPGL has a detailed understanding of quality issues and their impact on high value assets. When we take the role of CQA Manager, we work efficiently, bringing great value to owners, programme management and construction companies.

A pragmatic approach to quality

A project is successful if it's built with operation and maintenance in mind. As CQA Manager, one of our main objectives is to emphasise the importance of quality and self inspections to contractors – helping them minimise defects and achieve high standards of workmanship. We start with a comprehensive Construction Quality Plan, documenting the key steps to deliver an asset that not only achieves the agreed level of quality but also meets end user expectations.

A flexible service to suit your requirements

From initial risk assessments and audits to contractor training and reporting, SPGL can set up and manage a comprehensive CQA programme for projects of any scale and complexity. You can also select parts of our programme to supplement quality procedures that are already in place.

Owners quality agent

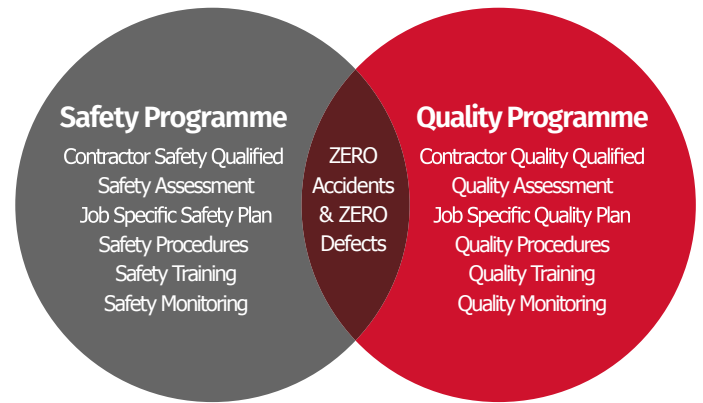
When we work directly for the owner, we focus on the interests of the owner, not only through enforcement and compliance with the specification, but proactively supporting their project team with all aspects of quality. This allows owners to be independently assured that the outcome will be trouble-free commissioning and occupancy with a reduced time to market.

Enhanced subcontractor performance

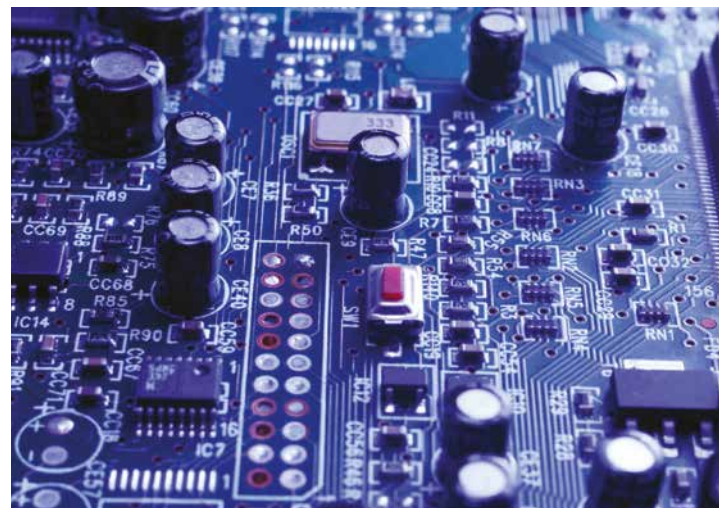
Depending on the project delivery method, we can also help the architect, engineer and contractor's team improve their levels of inspection and documentation. In other instances we can work as part of the project / programme management team, focusing on field quality and the finish of the asset.

Zero accidents and Zero defects

Projects tend to be driven by field execution with a focus on safety. Ideally, safety and quality should be combined to deliver projects with zero accidents and zero defects. To achieve this you need a CQA programme that mirrors a project's safety programme – creating a culture on site where quality issues are identified, recorded and resolved as swiftly and effectively as safety issues.



Construction Quality Modelled on Safety Programme





About SPGL

SPGL is a professional consulting and technical services organisation with offices in London and Brussels. We work with clients in a number of market sectors including pharmaceuticals and biotechnology, medical devices and diagnostics, healthcare, chemicals and regulated consumer products.

Developed in the highly demanding world of regulated industries and products, our risk-based approach to quality is ideal for commercial developments, industrial buildings and mission critical facilities such as data centres. Working directly for owners, or through architects, engineers, PMC, construction managers and general contractors, we improve coordination between design, construction and occupancy, driving up quality, reducing costs and accelerating time to market.

- Global experience
- Offices in London and Belgium
- Multilingual staff
- International quality programme
- Flexible approach

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