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Capability Statement





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1.0 About Us

Leading provider of Quality Services to the Energy Industry and other related sectors throughout the world.

GQS stands for Global Quality Services, which we re-branded to from Global SCS in April 2019, as we felt this better met our global market and our clients' expectations.

We are however, very proud to still be associated with, and forever connected to our previous, and very successful brand, Global SCS. With offices strategically placed in Asia, Australasia, West Africa and Europe, we have the skills and resources to meet all projects, both large and small.



GQS are part of investment group Envoy & Partners based in the UK. Envoy & Partners support businesses to grow and reach the next level.

Servant Leadership Structure



Skilled, experienced and highly motivated professionals.

Our team here at GQS are committed to working closely with all of our clients to ensure we have a detailed understanding of their requirements. This enables us to deliver cost-effective Second and Third Party Inspection Services as well as Technical Audits, Quality Management Consultancy, Expediting, Welding Services including Welding Supervision, and Procedure Specification, Technical Manpower and Pipelay (Field Joint Coating and Double Jointing QAQC Support).

GQS believe in the Servant Leadership movement as the cornerstone to winning in business.

We draw our organisation charts upside down, to reflect our belief that leadership's role is to serve the business and to devolve power as close to the coal face as possible. By implementing this model, we multiply the leadership capability of the organisation, increase human potential and serve our customer better than our competition. We believe in facilitating excellent relationships between end-users and suppliers. From the positive feedback we receive, we know this important philosophy is highly valued by our clients. We thrive on the professional satisfaction of meeting the ever-changing challenges of the international energy industry and other sectors in which we operate.

Typical Leadership Structure





GQS Milestones



2005

Global SCS was Incorporated in Aberdeen, UK



2007

ISO 9001 Accreditation achieved



2008

IGRIS Developed and Implemented



2011

Global SCS Perth, Australia Incorporated



2012

Global SCS Australia ISO 9001 Accreditation achieved



2016

Global SCS Australia achieved ISO 14001, 18001, 29001 certifications



2017

Global SCS Malaysia Incorporated



2017

Global SCS Malaysia ISO 9001 Accreditation achieved



2017

Global SCS Australia achieves ISO 17020 from NATA



2019

Rebrand to GQS from Global SCS



2019

STR Acquisition – GQS Australia East Incorporated



2020

GQS Senegal Incorporated



2021

GQS India Incorporated



2022

GQS China Incorporated



2022

GQS Singapore Incorporated



2023

GQS Taiwan incorporated



3.0 Experience

GQS has a comprehensive range of experience providing QAQC Services worldwide to both Operators and Tier One Contractors.

Client Sample:









4.1 2nd and 3rd Party Inspections

GQS' 2nd & 3rd party inspection services reduce risk, ensure quality and provides confidence in the compliance of your equipment with standard, codes and regulatory requirements.



We bring extensive experience and high levels of skill and commitment to this all-important aspect of every contract. Through diligence and a dedicated team of people, we provide the ideal solution to the QA/QC part of our project package. We guarantee the highest standards of technical quality assurance for every project we undertake.

This is underpinned by our excellent network of suppliers, strategic alliances and associations. As with all our services our speed of response to our customer's requirements and the quality of our solutions are the hallmarks of our work. These Inspections can cover everything from Welding, Coating, NDT & Fabrication of Major Topside Structures to Subsea E/H Jumpers, Cables & Connectors.

GQS has two types of QC Inspections.

- Vendor inspection – typically 2nd Party
- Independent third party inspection

Vendor Inspection (Typically 2nd Party)

Providing confidence in delivery of quality with your global supply chain:

- Involves inspecting items at their place of manufacture before delivery
- The items are verified against client specified specifications and purchase order requirements
- GQS acts as an extension to your quality team and supports quality assurance throughout the procurement, fabrication, installation, commissioning and operation of the equipment/ process
- Inspection results are reported via the issue of inspection reports, release notes etc.

Independent Third Party Inspection

- This involves inspecting items at their place of manufacture
- Items are checked for their design and manufacturing compliance against international standards and codes
- Inspection results in the issue of a Certificate of Conformance (CoC)
- GQS acts as a totally independent body to verify the design and manufacturing as per the standard requirements

Benefits

- Reduce and manage risks linked to quality problems with supplies
- Provides reassurance on the supply chain. Proven cost effective method of managing quality of your supply chain GQS has two types of QC Inspections.
- Vendor inspection – typically 2nd Party
- Independent third party inspection



4.2 Expediting Services

Contribute to successful execution of your projects by ensuring timely delivery of equipment and supplies.



With supply chain becoming wider and increasingly global, sticking to project schedules is a challenge. Delayed and faulty materials, products and equipment have significant impact on the project cost and delivery. GQS' expediting services helps to avoid the spiralling costs due to delays by ensuring that your suppliers deliver.

The scheduling aspects of the suppliers are investigated completely to ensure they meet the obligations set out in the contract and the equipment, material are delivered on time. Our unique global network with local professionals enables us to assess vendors and their production plans for you within days. Our expediting services include:

Our expediting services include:

- Coordination of expediting with all suppliers
- Monitoring the dispatch of material
- Expediting visits
- Field and desk expediting
- Inspection
- Recommendations for necessary measures
- Reporting
- Situation assessment for your overall project
- Supplier performance monitoring

Benefits

- Keeps you up to date with project status reports
- Reduce expensive unexpected delays
- Global network of local professionals – remove communication and other barriers and reduce time and travel expenses



4.3 Pipelay QAQC Services

GQS have supported clients both as the operators and contractor in offshore Pipelay and onshore pipelines.



This includes managing the teams performing the inspection and ensuring the reporting is as per clients' expectations.

- Review of Vendor related technical documents and data according to project standard and COMPANY requirements
- Compile Quality documents for COMPANY approval
- Plan and participate in auditing activities
- Develop and review Project Quality Program procedures with Inspection and Test Plan (ITP)
- Assist with Welding Procedure Qualification Test Procedures, NDT procedures and subsequent procedures for all offshore installation related welding and NDT.

- Monitor qualification testing of procedures as applicable and prepare reports as specified.
- Assist with preparation of WPQT /WQT /NDT procedures and witness relevant test and review all test reports.
- Coordinating interface between COMPANY, CA, Project Management Team and NDT Subcontractor(s).
- Witness Welding Procedure Qualification / Welder Qualification Testing
- Work with Subcontractors and Welders to record non-conformances and corrective actions

- Supplying teams of Offshore Lead and Firing Line Welding and Coating Inspectors onboard pipelay vessels for both double and single joint Carbon Steel and Corrosion Resistant Alloy offshore pipeline installations
- Compilation of installation QA/QC records/dossier



4.4 Quality Management Services



GQS can either provide:

- Quality Engineers to work on behalf of the customer located either onsite or remotely
- Source staff personnel to work directly for the customer

Our team of expert consultants can offer support/services in the following areas:

- Conduct various GAP analysis on current QA/QC processes and identify key risk areas
- Define, implement and resource appropriate QA/QC processes, systems and documentation

- Develop and manage supplier evaluation processes and audit programs
- Provide relevant quality T&C's and review technical requirements in contracts
- Assist with technical or quality tender evaluation
- Develop and manage the vendor inspection process
- Source and place Quality Engineers and QC Inspectors to oversee QA/QC operations onsite
- Manage NCR process / supplier performance
- Manage local content QA/QC training and development

All the above can be applied to current business operations or specific projects.

GQS' Quality Management Services reduces risk, ensures quality and provides confidence in the compliance of your equipment with standards, codes and regulatory requirements. From building a full ISO 9001 2015 compliant system, to internal audits, generating specific procedures and processes, to providing expert manning solutions, GQS can support your requirements.





4.5 Technical Manpower

In addition to our core services, we offer solutions to resourcing:

We mobilise small and large teams of technicians, supervisors, and skilled personnel to the corners of the world with consistency and efficiency. Clients utilise our skilled technical personnel to enhance ongoing operations.

Our approach is highly pragmatic and geared to supporting an efficient project delivery.

If you need technical people to support your project, GQS can make this a simple process for you.



4.6 Technical Audits

Technical Audits can help provide confidence in your supply chain's ability to meet your quality requirements.



The quality of your products are directly affected by the performance of your suppliers, therefore it is essential that you verify their ability to meet both local and international standards as well as any project or customer specific requirements.

GQS has a proven track record of carrying out technical audits and vendor assessments worldwide. In the current economic climate there is an increasing trend for lower cost materials from areas with less quality and manufacturing experience. GQS has vast experience in these markets and has a wealth of knowledge amongst its specialist team of auditors.

GQS pride themselves on their commitment to not only carrying out audits on your suppliers, but also helping them to improve their procedures and processes in order to meet your requirements and in doing so strengthening your supply chain.

We currently manage the approved supplier list for Line Pipe of one of the world's largest operators as well as carrying out project or order specific individual audits for a number of clients across a range of commodities including OCTG, line pipe, drilling equipment, subsea and topside equipment.

Our technical audits:

- Quality management system reviews
- Detailed assessment of manufacturing facilities and processes
- Assessment of welding and fabrication procedures and practices
- Workload and capacity assessments
- NDT assessments by our level 3 NDT specialist

- Mechanical and metallurgical testing facilities assessment
- Calibration of equipment
- Training of personnel
- Material handling, storage and packaging
- Certification

Benefits

- Effective management of risk related to the safety and quality of supplies
- Provides confidence of trade with suppliers
- Provides confidence in supplier capabilities
- Helps in cost reduction by reducing bad quality of supplied materials, equipment and services
- Proven methodology for qualifying suppliers

4.7 Welding QAQC Services

GQS can help you maintain the highest standards in manufacturing or repair, providing quality assurance in plant integrity, safety and compliance within specifications.



Welding Quality Control

Welding Quality Control consists of the observation techniques and activities used to fulfill quality requirements. This may include working through Inspection and Test Plans (ITPs) or checking that:

- the welder is suitably qualified
- the welding procedure and parameters are correct for the material being welded
- the welding consumable has been prepared correctly, and a range of other checks that need to be carried out to ensure quality control in the process
- material traceability and document control is achieved

GQS can perform fabrication and piping inspections in accordance with standards such as AS 4458, AS 4037, AS 1210, AS 3920.1, AS 4041, AS/ NZS 1554.1, AS/NZS 3992, AS 2885.2, ASME B31.3, DNV-OS-F101.

Our Process

- Checking personnel are qualified for tasks
- Oversee welder/welding operator qualification tests.
- Identify and control project materials and consumables
- Ensure fabrication process is being conducted in accordance with project tolerances, specifications, and procedures
- Work through project Inspection and Test Plans (ITPs)
- Identifying, marking and recording of component/ weld joint for traceability
- Checking and recording the welding procedure and parameters are correct for the material/ component under fabrication
- Checking pre-heat and inter-pass temperatures are as per the welding procedure



The Welding Procedure Specification

GQS can ensure weld procedures are developed and qualified to meet the requirements of the applicable standards and client specifications prior to the commencement of production welding.

The Welding Procedure Specification (WPS) is the formal document describing the welding process and procedures. It is a guide to the welder that an accepted procedure can repeatably achieve quality welds.

Our Process

- Determine and develop welding procedures
- Ensuring relevant code compliance with regards to NDT, mechanical testing and procedure qualification documentation
- Creating a practical written instruction for the welder/ welding operator

- Controlling welding
- Ensuring consistently sound welds are produced to give customers confidence for their welding project

Welding Supervision

GQS has the capability to manage welders and welding operator qualification tests to ensure that project personnel are able to perform within the parameters of the Welding Procedure Specification. This process sees the welder or welding operator perform under test conditions to weld an item using a specified welding position with specified welding consumables and materials, travel speed, amps and volts. The audit of the welder/ welding operator to pass the test may include visual, radiographic and/ or mechanical testing and will prove the capability of the welder/ welding operator in the field in accordance with the required specifications.

These principles include:

- Correct joint setup to drawing
- Using the correct welding consumable
- Use of preheat
- Following the welding procedure in terms of amps, volts and travel speed
- Inter-run cleaning and run sequence
- Final visual inspection
- Arrange for non-destructive testing and destructive testing
- Qualify welders to required procedures

4.8 Pressure Equipment Inspection

GQS provides certified In-Service Inspectors to inspect pressure equipment, including boilers, pressure vessels, and pressure piping.



Workplace Regulations require that pressure equipment be regularly inspected and maintained in a safe operating condition. It is the owner's responsibility to ensure safe operation and maintenance of pressure equipment under the relevant countries' jurisdiction standards. To ensure pressure equipment integrity, all pressure vessels and pressure-relieving devices shall be inspected at the intervals/frequencies per jurisdictional requirements. The appropriate inspection must provide the information necessary to determine that all the essential sections or components of the equipment are safe to operate until the next scheduled inspection. Regular inspections must be planned, implemented, evaluated, and comprehensively documented. Additional to performing required inspections, GQS also guides clients to meet statutory compliance requirements with cost-effective systems.

This information and guidance will satisfy the Occupational Health and Safety Authority and relevant Codes and Standards, as well as and more importantly, protecting the safety and health of persons in the workplace and public.

Our process

- Assist with pressure equipment design review.
- Perform pressure equipment construction inspections.
- Ensure pressure equipment installation is as per applicable standards.
- Perform commissioning inspections.
- Ensure that pressure equipment has a documented commissioning procedure.
- For pressure equipment operation, assist in establishing and implementing a suitable safety management system and procedures.
- Assist in hazard identification, risk assessment, and risk control.
- Ensure that suitable written procedures are prepared and implemented to manage changes and alterations to equipment, process technology, and operating condition.
- Carry out external pressure equipment operational inspection and internal offline inspections.
- Carry out inspections for remaining life determinations or purchase of an asset.
- Determine the maximum allowable working pressure for re-rating purposes.
- Perform decommissioning inspections.



5.0 Remote Inspection

Organisations must rely on remote and practical operations in a disruptive business world. GQS is always here to support our clients' operational requirements using the latest digital technologies and procedures, maximizing the value of our exceptional services.

Process

GQS remote inspections are designed to provide organisations with the same level of technical expertise and insight in a safe, efficient and adaptable way. Our highly skilled team will guide you through the client-orientated Remote Inspection Process, that will ensure all inspection requirements are more than satisfied, while not compromising any aspects of technical assurance or regulatory requirements.

Utilizing proven and reliable smart technologies, Inspectors can witness a process or test being undertaken from a remote location via direct live video stream. Applying a range of preferred smart devices, each Inspection can be conducted following its exact specifications, with the support of clear visual and audio technologies.

These inspections may be observed by all parties involved, as the GQS team provide comprehensive support throughout the complete remote inspection process.

Clients may interact and communicate with real-time questions and feedback as the inspection takes place. The inspection process may also be recorded with permission from all stakeholders, for further review and understanding, providing a more streamlined inspection experience.



Benefits

- Mitigate Safety Risk – The remote process can significantly reduce general organisational risks, by delivering immediate transparency in addressing any technical issues while managing the risk of inspector's well-being from hazardous sites and travel fatigue.
- Remove Geographical Boundaries – Our remote inspection process can provide a direct link between client, supplier and inspector, considering no physical boundaries, travel and any other restrictions. Consequently, maintaining strong business continuity.
- Cost Reduction – GQS offers a cost-effective alternative to on-site inspections by decreasing wait-times, increasing operational uptime and reducing travel costs.
- Audio Video Real Time Reporting – A record of the remote inspection event can be provided in real time to our client representatives with the agreement of all stakeholders, and providing a future reference for clients and regulatory authorities.
- Reduced Carbon Footprint – GQS remote inspections enables your organisation to reduce its carbon footprint by significantly reducing the need for travel of personnel.

6.0 Systems

GQS have invested heavily in their bespoke management system called IGRIS

GQS have invested heavily in their bespoke management system called IGRIS. As there was no “Off the shelf” system which allowed us to manage our clients’ requirements as we wanted, we decided with our sister companies, that we would build our own system to meet our own particular requirements, and that of the other companies. Longer term this strategy has proved effective for both GQS and our clients. As we have a very robust and advanced system, this means we can do things quicker, smarter and with less bureaucracy allowing us to offer a very competitive service.

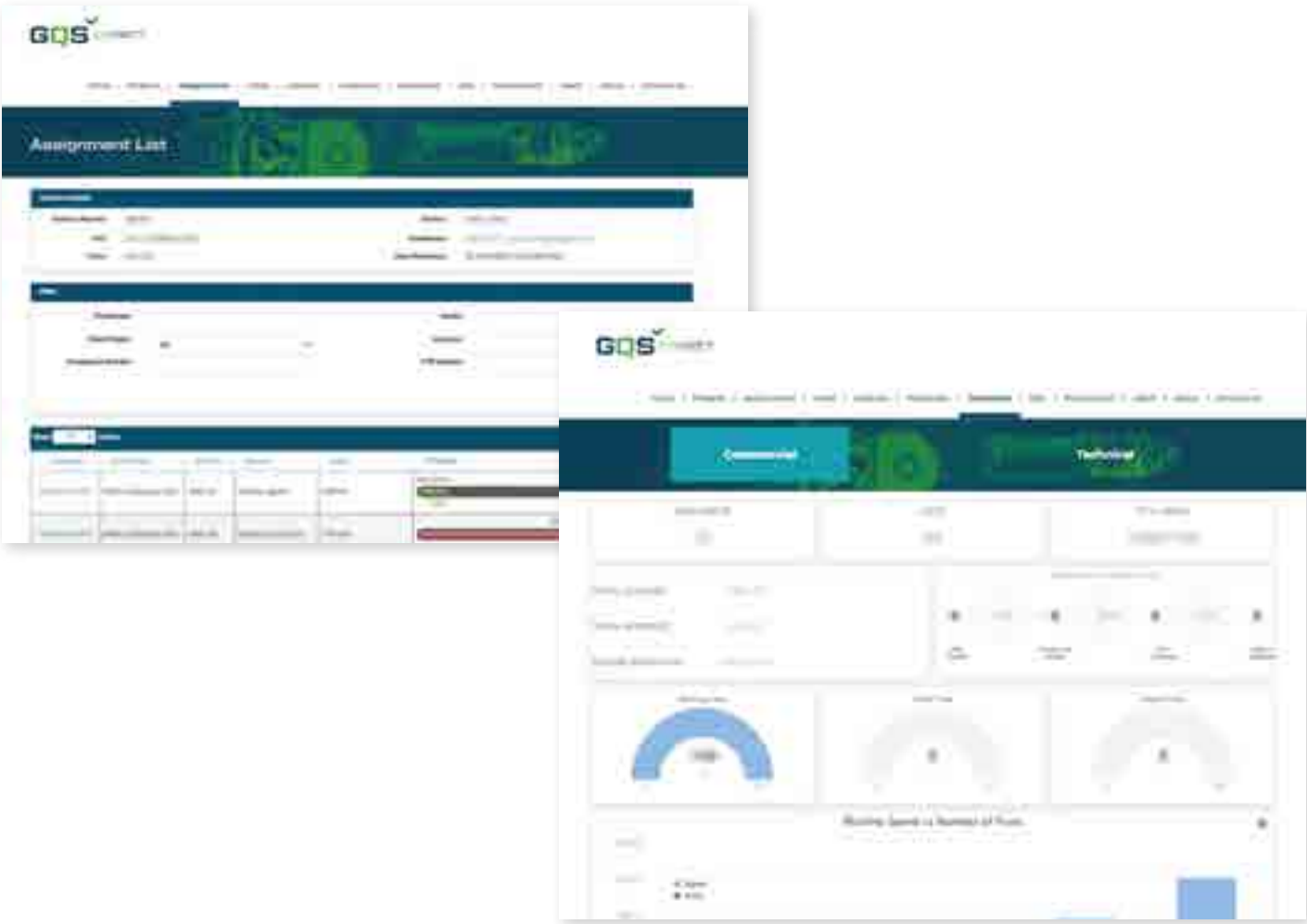
Having our own bespoke system allowed us to control and record our inspector’s competency, work history and all relevant certification as we wanted, ensuring our clients have access to the latest Inspectors information and a history of their work completed.

Understanding today’s challenging market

We further understand that in today’s challenging market, service providers need to add more value to their client’s projects and ensure they know where every part of their budget has been spent. To this end we have added additional controls and reporting functions to our client’s assignments giving them greater value and visibility over costs spent on each and every project.

GQS is using the latest digital technologies to provide real time data. Due to our adaptability, we are able design and innovative to the exact requirements of our client. We can transform Commercial, Technical and KPI data into customizable live Dashboard Reporting.

The IGRIS system was developed with our core values in mind. Building trust by giving our clients access to as much information as possible, and delivering innovation & quality to all Stakeholders.





7.0 Sustainability and HSE

Keeping the public safe and protecting the environment

Companies can only be sustainable if the societies they operate in are sustainable, and unsustainable companies cannot fulfil their social responsibilities. At GQS, Corporate Responsibility is about conducting our business ethically and contributing to the economic, social and environmental well-being of our communities. We believe that behaving responsibly is critical to the sustainability of our company.

Furthermore, we exist to keep the public safe and to protect the environment through controlling the quality of manufactured and fabricated items in the energy and other sectors of high risk. Safety is at the core of what we do, providing a safe workplace for our employees and contractors whilst ensuring clients' products, assets & systems meet the required health, safety, performance and quality standards in turn protecting the environment.

Quality control today contributes to safe, reliable and cost- effective production tomorrow

Through high quality inspectors and a bespoke management system we increase productivity, ensure manufacturers and fabricators meet global standards, manage risk, and improve the quality, safety and compliance of companies' products and services. We believe that quality control today contributes to safe, reliable and cost-effective production tomorrow. Safety starts with quality control.

8.0 Accreditation

The below accreditation confirms we have the appropriate systems in place to consistently deliver a Quality Service to our clients and also confirms we have further met the requirements to supply services to the Petroleum, Natural Gas, Petrochemical, Power Generation, Mining, Renewable Energy and General Engineering Industries. Quality management systems are the foundation of quality assurance and quality control activities.

GQS are accredited to the following:



ISO 9001 is the international standard that specifies requirements for a quality management system (QMS). Organisations use the standard to demonstrate the ability to consistently provide products and services that meet customer and regulatory requirements



Entitled "General Criteria for the Operation of Various Types of Bodies Performing Inspection", is an internationally recognised standard for the competence of Inspection Bodies.



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