

ENGINEERING INNOVATION

Tomorrow's solutions engineered for the oil, gas, mining and industrial sectors

A SINGLE POINT OF ACCOUNTABILITY

CS GAS is committed to delivering excellence. Our expertise in coal seam gas, mining, and energy industries, combined with our attention to detail and understanding of your key business drivers, systems and processes, ensures your project's success.

We have industry-leading capability in the manufacture of gas field equipment supported by our in-house engineering, fabrication, electrical, instrumentation, control and field teams for servicing, well optimisation and well workovers. Our teams collaborate to deliver turnkey project solutions promptly and cost-effectively.

The scale of our manufacturing facility, coupled with our breadth of vast industry experience, means CS GAS is equipped to deliver substantial projects. You benefit from a streamlined process with a single point of accountability.



A MULTIDISCIPLINARY APPROACH

Our multidisciplinary approach empowers us to build tailored equipment unique to your site. From scoping, engineering design, through to meticulous fabrication, precise instrumentation, and hands on installation, our dedicated team handle every aspect of your project.

Site-specific expertise

Our team evaluates each unique site, asking in-depth questions and delving into your scope and requirements. This personalised detailed approach allows us to create site-specific solutions that perfectly align with challenging locations and project objectives.

Complete project control

With CS GAS, you're in capable hands from start to finish. Our multidisciplinary team manage the entire process, from engineering design to equipment fabrication and installation. This comprehensive control enables us to adapt swiftly to evolving site conditions and client demands.

Low reliance on third parties

Our self-sufficient Queensland-based manufacturing facility, combined with our extensive industry experience, allows us to undertake substantial projects independently. In the rare occasion that we outsource, we manage the process for you. This independence ensures seamless, efficient, and cost-effective project delivery.

Compliance, innovation 8 technical control

Navigating the complexities of industry legislation, stringent safety requirements, and technical objectives is one of our key strengths. We have a history of innovation that support emission reduction and surpass obligations to industry regulations. We ensure your bespoke project is not only fit for purpose but meets legal and compliance obligations.

Diverse skillset

Our experienced team boast diverse qualifications and skills that complement your project success. Working cohesively from one key site, we make decisions swiftly and efficiently, ensuring that your equipment design is purpose-built and overseen by our engineers through all stages of the project lifecycle.





Our engineering team is skilled in scoping, designing and developing solutions that are cost effective, responsive and easily deployed.

We are adept at collaborating to solve specific and unique problems, our team's extensive industry experience and commitment to quality ensures each project is delivered fit for purpose in accordance with Australian and international codes.

Our engineering and design capabilities include:

- Detailed scoping
- Process design
- Mechanical design
- Structural design, including finite element analysis
- Single line diagrams
- System descriptions
- Control philosophies
- Set point/alarm list
- Single flow diagrams
- Drafting
- Automation engineering solutions







Our 3,000m² onsite fabrication and testing facility allows us complete control over the fabrication process, ensuring quality, timeliness of delivery and appropriate testing and certification.

Our fabrication operations specialise in the manufacture of pressure piping, pressure vessels, process tanks and structural steel work.

Our dedicated hydro test bay is equipped to perform testing of up to 10,000PSIG using NATA calibrated and certified equipment. Our facility is also capable of performing non-destructive testing, with provisions for clients to conduct inspections on works in progress.

Our multi-disciplinary fabrication team has experience with fabrication and assembly to industry specific codes and quality standards.



CS GAS is a licenced electrical contractor with the ability to provide comprehensive turnkey electrical, instrumentation and automation solutions.

Our team is made up of electrical engineers, hazardous area electricians, switch board builders and instrumentation technicians with the combined industry skills, innovation and practical experience to effectively deliver your project.

Our team delivers complete instrumentation packages built, tested and ready to operate your equipment, maximising efficiency, cost effectiveness and quality assurance.











TECHNICAL & FIELD SERVICES

Our field services include the construction, installation, refurbishment and maintenance of plant and equipment. Our field team undertakes well optimisation to ensure maximum gas production and reduce operational expenditure.

Our technical teams are also equipped to manage onsite activities via our Global Link SCADA software which is a scalable well control and monitoring package that is designed specifically for the coal seam gas sector and coal mine gas drainage projects.

Our field service also incorporates a purpose-built pump hoist rig to

efficiently install well pumps and completion equipment as well as other common well servicing operations like well flushing and bailing.

Our field teams are comprised of electrical and instrumentation technicians, fitters and well site servicing technicians.



WHERE EXPERTISE FUELS INNOVATION

CS GAS has the experience and scale of operation to deliver projects of any scope to the coal seam gas, mining, energy and renewables industries.

As an integrated Australian company, we manage every step locally, allowing our clients to focus on their strengths while we handle design, project management, scheduling, and QA processes.

Our experience and expertise ensure safety, precision and excellence in every aspect of your project, with real industry experience delivering seamless, quality solutions.

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