



CASE STUDY

CPECC Nacap



Location:
Surat Gas Project

Industry:
Coal Seam
Gas Industry

Services:
Fabrication

Value:
Each project ranges
from $\leq \\$300k$

THE CLIENT

CPECC Nacap are supporting Arrow Energy's requirement to expand its assets in the Surat and Bowen Basins and provide critical infrastructure to meet East Coast gas demand.

THE CHALLENGE

Our initial introduction was through word of mouth in the marketplace with CPECC Nacap's procurement team. With a reputation for a commitment to quality shared by both organisations, a senior team member encouraged the development of work between the companies.

There are several challenges in the industry:

- Complexity in fabrication from engineering drawings, ensuring function from design.
- Strict qualifications required for welders who are constantly tested through visual, magnetic particle, radiography and hardness parameters.
- Requirement for 100% visual inspection by 3rd party inspection companies.
- Sourcing approved materials for fabrication and testing as per client specifications.

In addition to the actual fabrication, a large part of supplying these fabricated components is also providing comprehensive documentation for the MDR (Manufacturers Data Report) to guarantee Quality Assurance (QA) and material traceability. These include extensive reporting such as certificates of compliance, inspection and testing plans, material certificates, weld logs, weld maps, component dimensionals, NDT and hardness reports, hydrotesting reports, coating inspection reports, welder qualifications, NDT technician qualification, holiday inspection reports and calibration certificates.

THE SOLUTION

At CS GAS our team welcome customers with open arms and this approach has led to building great working relationships and trust. CPECC Nacap initially conducted a full audit of our workshop, onsite hydro testing bay and documentation process to kick off the partnership, and now regularly visit to view progress as well as witnessing hydro testing inspections on their equipment.

CS GAS has fabricated transition risers, blind bleed flanges, pump inlet and water take off skids for CPECC Nacap over several projects, fully hydrotested, NDT and documented.

THE OUTCOME

Repeat business generally speaks for itself, though the strength of the relationship has certainly been built on open communication channels. Both parties enjoy the open book process and the opportunity to work together.

CPECC Nacap's customer has very strict deadlines and tight

customer specs, so the rigour of our processes and commitment to testing, safety and documentation has seen this partnership between the companies provide ongoing success for both businesses.

From our first project with them outlined in this case study we have developed a great partnership, and CS GAS are now one of their most trusted fabrication partners.



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