



CAPABILITY STATEMENT

www.casaeng.com.au



OUR BUSINESS

Company Overview

With a reputation for providing Engineering solutions and can do attitude, CASA specialises in steel fabrication, precast and heavy lifting with over 30 years' experience delivering projects throughout Australia, Papua New Guinea and the South Pacific. CASA operates out of 3 dedicated heavy industry workshops in Queensland (Townsville, Rockhampton and Brisbane) fitted out with specialist equipment and accommodating large all-weather hardstand areas in each site to handle large project works.

With a strong and continuing investment in advanced manufacturing equipment, the business operations are self-sufficient with production activities completed in house, allowing full control of quality, production times and management of resources to achieve project desired outcomes.

With extensive experience in complex projects including environmentally sensitive sites, CASA can deliver to project expectations, effectively communicate with project teams and bring an effective problem-solving approach to address any emerging project challenges. CASA offers expertise and on-site experience in a wide range of specialist areas including marine, structural steel, pipelines, pilings, bridges, waste treatment, processing, material handling plants, and tilt-panel construction.

Safety, innovation and continual improvement are at the heart of CASA's philosophy, and CASA is committed to providing the best outcomes for its clients.



MARKET SECTORS

Industrial	Defence
Mining	Rail
Infrastructure	Power Generation
Aviation	Water Treatment
Road and Bridges	Retail

CASA operates facilities in Brisbane, Rockhampton and Townsville. Specialising in all aspects of precast concrete, steel fabrication, SMP, heavy engineering, and mechanical installation. These in house construction capabilities enable flexible and dynamic project delivery across the full range of CASA's capabilities.

With experienced project management, design, drafting, fabrication, logistics and on-site teams, CASA has a reputation for the successful completion of projects across all manufacturing sectors.

CASA can provide its services as a direct part of your supply chain, or as a subcontractor. We take pride in providing our clients with value-added engineering solutions derived from our expertise and experience, and we take a collaborative approach to projects. We are renowned for improving project outcomes and reducing project life cycle costs, and for exceeding all stakeholder expectations.

Our highly developed systems management provides all of our clients, and particularly Government organisations, mining and the private sector, with quality deliverables including fully documented safety and environmental legislative requirements.



30 YEARS

Company History

CASA was founded by Peter Casa in Townsville in 1995. Peter is a qualified mechanical/structural engineer, and gained valuable experience working as a consultant, capital works engineer and project manager before deciding to start his own firm.

In 2001 Peter established a second fabrication facility and office in Brisbane, providing logistical advantages and increased coverage.

Strengths & Areas of Expertise

CASA supports its clients by providing an initial up front design review and possible cost engineering analysis followed by transparent, high-quality project management and delivery.

Our project managers are qualified engineers and are always looking to provide efficiencies in design and methodology. Our in-depth understanding of Australian Standards and Codes of Practice, together with our third-party accredited quality and safety systems, gives clients peace of mind that work will comply with legislative and contractual requirements.

CASA's experience and in-house resources allow us to be solutions focused and gives our clients a high degree of control over project delivery.





SPECIALTY SERVICES

Specialty Services

CASA has long established relationships with key clients, completing design and construct projects within Australia and abroad. Our collaborative approach has a track record of success with project life cycle outcomes.

We provide our internal RPEQ services for works undertaken. Our extensive fleet of plant and skilled operators promotes team confidence and trust between colleagues, ensuring that high risk activities are managed effectively throughout project stages.

CASA upholds the following in its approach to projects:

Engineering – In partnership with project engineers, we develop a build methodology that addresses function, quality, an expedited time table and value for money.

Procurement – CASA undertakes as a matter of principle the acquisition of goods and services on a fair value for money principle. Our belief is that the client should receive quality materials and labour at fair market rates.

Construct – For the successful execution of a project, effective planning is essential. CASA believes our experience is testament to our ability to deliver in this area. Additionally we choose sub-contractors that have proven to us that they have the ability to keep pace and deliver quality outcomes in their field of expertise.

Management – Construction Project Management, where the vision becomes reality. At the beginning of a project we put together a team that is right for the build, choosing people with the necessary skills and expertise to execute the project focusing on safety, quality, service and certainty.



WHY CASA?

Specialist Integrated Project Team

CASA has undertaken a diverse range of projects in the construction, fabrication, process and mining sectors, and this experience and expertise across the group enables the company to offer clients execution certainty.

Our personnel are central to the success of the company. Our employees are empowered with the tools and training to not only meet, but to exceed client expectations.

Commitment to Safety

Supported by senior leadership, CASA is committed to delivering all projects safely and promotes a culture of personal responsibility toward safety and environmental management. CASA holds the following third-party accreditations:

- BSI – AS/NZS 4801:2001 Occupational Health and Safety Management
- BSI – ISO 14001 Environmental Management
- BSI – ISO 9001 Quality Management
- BSI – AS5131 Structural Steelwork Fabrication and Erection (Level CC3)
- ASI – ESC Environmental Sustainability Charter (Environmental Management)

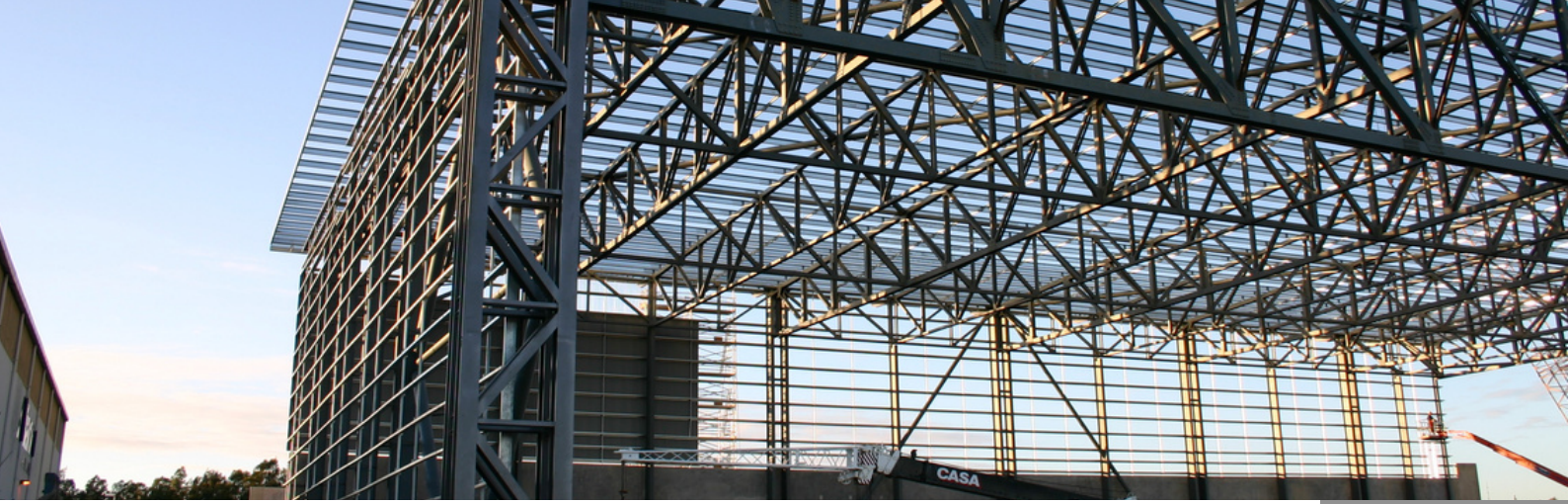
Value Add Engineering

CASA's in-house professional engineers can review your next project to ensure the design is the most buildable and cost-effective solution.

We focus on the client's objectives. CASA endeavours to meet the needs and wants of our clients and manage the risks inherent to the work that we perform. We will become our client's mechanism for management of risk.

In House Plant / Equipment Resources

CASA's significant in-house fleet of cranes and construction equipment means that many projects can be bid and executed exclusively utilising internally owned and operated equipment, thereby eliminating a source of risk for our clients.



ACCREDITATION

CASA is committed to the highest standards of quality, service and value creation for all our clients. The company is third party accredited for safety and quality compliance, and promotes a culture of constant improvement in our procedures and systems.

- PQC Accreditation for Queensland building works
- Open Builders Licence. QBCC
- Main Roads Accredited R1/B3
- Demolition License

Project Management

- Co-ordination
- HSEQ – ISO accredited
- Off-Site and On-Site Management
- Control, Planning, Resource Management
- Risk and Opportunity
- Handover

Engineering Review and Implementation

- Disciplines include Structural, Mechanical, Materials Handling, and Piping
- Fully Accredited/Licensed/Registered
- Safety in Design e.g. HAZOPs, HAZIDs, Installation, Assembly
- Constructability/Installation Planning/Fabrication and Assembly Planning
- Drafting/3D Modelling/Detailing/Specifications





INDUSTRY SERVICES

CIVIL/STRUCTURAL

- Geotechnical/Piling/Foundation
- Bridge Superstructures
- Materials Selection
- Concept to Detailed Design

MECHANICAL

- Materials Handling
- Equipment
- Functional Analysis
- LIMN Modelling
- Instrumentation
- Plant Simulations

MANUFACTURE & FABRICATION

- Piping
- Structural Steel
- Mechanical
- Plate and Chute works
- Stainless Steel (including Site Installation)

SUPPLEMENTARY SERVICES

- Design and Construct
- Operational and Maintenance
- Plant Auditing
- Equipment Rental e.g. cranes, civil equipment, trucks
- Dismantling and relocation
- Demolition

PROCESS

- Piping
- Networks
- Equipment, Pumps, Valves
- P&IDs, PFDs,
- Full Material Balances

CONSTRUCTION

- Foundations, Piling
- Earthworks
- Drainage/Water
- Building
- Above Ground Services
- Equipment Assembly
- Cranage/Heavy Lifts

LOGISTICS

- Transport (own equipment), External
- Heavy Haulage
- Planning
- Regulatory
- Constructability
- Shipping Transport
- Off shore



MAJOR CLIENTS

CASA has supplied services to major clients in the commercial, infrastructure and mining sectors, including:

- Lend Lease
- BHP Billiton
- MacMahon
- Coal Stream Alliance
- Queensland Sugar Limited
- QR National
- Brookfield Multiplex
- Mirvac
- Fulton Hogan
- Samsung CT
- Laing O'Rourke
- Leighton Industrial
- Hutchinson Builders
- John Holland
- BMD
- Decmil

RECENT PROJECTS

See attached marketing sheet for our recent projects



INFRASTRUCTURE MINING BUILDING CIVIL COMMERCIAL MARINE BRIDGE



FACILITIES

CASA owns and operates the following facilities and office locations:

- 5000 Sqm fully functional engineering workshop in Townsville with overhead cranes up to 65 tonne and full Welded Beam manufacturing line
- 2500 Sqm fully functional engineering workshop in Brisbane with overhead cranes up to 20 tonne
- 3000 Sqm fully functional engineering workshop and casting yard in Rockhampton with overhead cranes up to 20 tonne
- 9000 Sqm hard stand storage yard in Townsville suitable for preassembly, trial assembly, sorting or storage
- 32000 Sqm hard stand storage yard in Brisbane suitable for preassembly, trial assembly, sorting or storage

PLANT/ EQUIPMENT

CASA maintains a full fleet of cranes with a capacity of 3 tonne to 400 tonne. In addition, we operate a fully equipped transport facility with semi-trailers and low-loaders with a maximum payload capacity of 80 tonnes. Our site division is equipped with full mobile workshop facilities for major site work projects, and our work barges allow us to perform work over water





KEY PLANT & EQUIPMENT

- Terex CC2500- 500tonne pin jib crawler crane with 96m main boom
- Liebherr LR1280 -280tonne pin jib crawler crane with 90m main boom, 81m luffing fly, 119m main boom configuration, 30m derrick wheeled counterweight carriage for superlift
- Liebherr LTR1100- 100 tonne hydraulic boom crawler crane with up to 90m of main boom and fly
- Liebherr LTM1140-140 tonne hydraulic boom all terrain crane with luffing fly
- Liebherr LTM1090-90 tonne hydraulic boom all terrain crane with fixed fly
- Liebherr LTM1055-55 tonne hydraulic boom all terrain crane with fixed fly
- Mini crawler cranes , 2.9 tonne, 5 tonne, 7 tonne and 10 tonne capacity
- Liebherr LBR 255 Piling Rig
- EWP (elevated work platforms up to 25 metres)
- Prime mover rated to 130 tonne capacity
- Heavy haulage low loaders up to 80 tonne capacity





OUR PEOPLE



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