

CONSTRUCTION



PEMS is a Queensland based Engineering, Procurement and Construction Company. PEMS provides full EPC/Turnkey solutions inclusive of engineering, detailed design, drafting, procurement, fabrication, onsite construction, commissioning and operations handover.

PEMS has extensive experience in the Oil & Gas, Mining, Energy and Infrastructure sectors of industry and provides sustainable solid solutions as a partner in your engineering project. Our capabilities provide you with a high value, low cost, one stop approach.

PEMS has experienced resources that can manage and deliver construction activities such as civil work, equipment placement, structure erection and installation of both mechanical and electrical packages.

Tank Access Towers



Two tank tower structures designed to AS4100 and AS1657. The towers were fabricated to AS1554 for Saunders International and installed at Viva Energy Tank Terminal, Botany Bay Australia.

All aspects of the construction delivery of a project are governed by the PEMS Project Management Manual. The manual underlines the importance with which PEMS attributes project management and the direct link between successful project management and a successful project.

The purpose of the manual is to enhance the PEMS Integrated Management System (IMS) by allowing to organise, plan and control projects. It is designed to help maximise the potential for the project to succeed by helping address each element of the project at the right time and to the right level of detail for the size and complexity of the project.

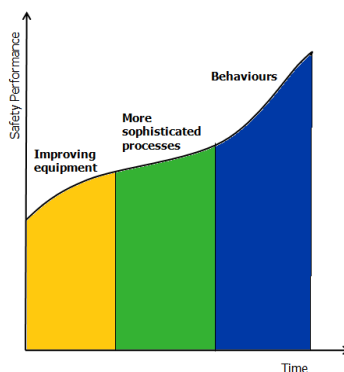
By identifying critical areas of a project, detailing roles and responsibilities and providing a guide through each phase of a project the PEMS Project Management Manual can be applied regardless of project scale, type or geographical location. Its application will ensure efficient and effective delivery of the project by appropriately managing costs, timescales, quality, scope, risks and opportunities to the mutual benefit of both PEMS and its Clients.



Three pillars form the backbone of PEMS Safety Management System:

1. Improving equipment
2. Developing more sophisticated processes
3. Change to behaviors

All of PEMS operations are committed to address these areas in order to achieve improved safety performance across the business.



GLNG Compression Facilities



Construction of over 400km of gas and water transmission pipelines, compression facilities, camps and associated infrastructure for Santos' Gladstone LNG project.

APLNG Construction & Commissioning



Rectification of construction defects for Bechtel to acceptable standard of end client. Commissioning of certain plant and equipment for warranty requirements. Maximum cleanliness of all systems prior to start-up to ensure an effective Train 1 start-up. Management of labour for critical path commissioning activities.

PEMS Project Management Services include:

- Concept Study
- Design Basis Memorandum
- FEED
- Risk Management
- HAZOPS
- Contract and Procurement Strategies
- Establishment of a Project Execution Plan
- Quality Assurance and Quality Control Plan
- Project Cost Estimating & Scheduling
- Project Controls & Reporting
- Quantity Surveying
- Safety Management Plans
- Commissioning and Start Up Plans