



STRUCTURAL, MECHANICAL & PIPING SUPERINTENDENT SUPPORT

Key Capabilities:

- Completions
- Pre-Commissioning
- PIMS CCMS

Overview

In November 2017, our Client, Australia's leading energy infrastructure business, acquired a gas processing plant in east Victoria. This afforded our client remit to own, upgrade and operate the plant, which would process gas from offshore fields. As a fully operational plant, its capacity would be up to 68 terajoules per day of natural gas, which is equivalent to 12% of current demand in Victoria.

The Vecta Group were engaged to provide Structural, Mechanical and Piping superintendent support during the critical phases of the gas plant upgrade, which were the mechanical completion, pre-commissioning and commissioning phases.

Scope

The scope of work included the following:

- Providing leadership to site supervisors and SMP crews for installation and commissioning activities
- Tracking and monitoring daily progress of completion of ITR's

- and punch list items completed in PIMS CCMS
- Liaising with vendors and suppliers to source materials to resolve construction issues
- Reviewing and signing-off SMP ITRs and punch items completed in PIMS CCMS
- Identifying and prioritising sub-systems, ITR's and punch list items in PIMS and drive them to completion
- Organising and participating in multi-discipline subsystem walk downs
- Logging punch list items identified during subsystem walkdowns in PIMS CCMS
- Providing SMP pre-commissioning support for sub-contractors
- Providing daily updates to commissioning management

Challenges

- Constant monitoring of ITR completion and punch items to ensure deadlines are met
- Considerable number of vendors and sub-contractors engaged throughout the project
- Dynamic critical path that led to ever-changing priorities
- Prioritising a sizeable completions punch list in PIMS CCMS due to construction issues

Solutions

Vecta Group SMP superintendents employed a hands-on and methodical approach to managing and sequencing third party involvement to reduce risks SFARP, optimise timeframes and minimise cost.

Technical issues abound throughout construction, requiring constant tracking of punch items in PIMS CCMS and periodic updates to CCMS data presentation to make it more user-friendly.

Outcomes

There were no incidents or injuries that occurred under Vecta Group SMP supervision.

The Client was able to meet their Customer's demands.

Want to Know More?

For more information please contact our office on +61 (03) 9326 9384, email info@vectagroup.com.au, or visit our website vectagroup.com.au