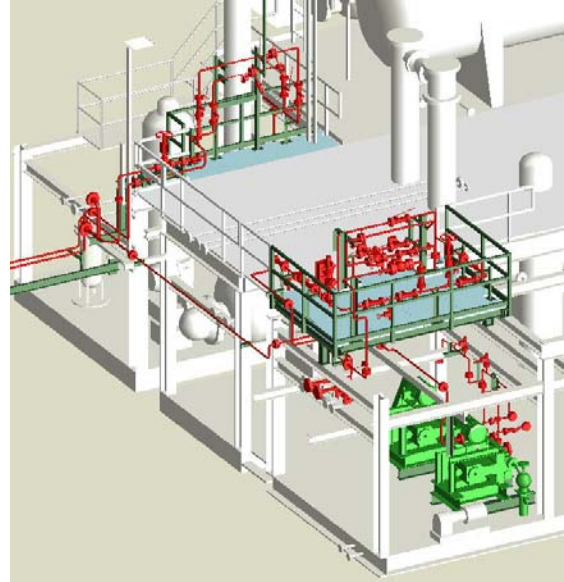


Tier II Compression Brownfield Modifications (TCP Cut-Ins)

ACCENT Engineering Consultants Inc., under contract with the ExxonMobil Tier II Compression Engineering Group, provided project management, preliminary engineering, detailed engineering, procurement and fabrication for brownfield modifications to the existing offshore facilities.

Piping, instrumentation and electrical modifications were required to enhance the function of the existing facilities and to “tie-in” the new Thebaud Compression Platform (TCP). ACCENT provided materials and services for many projects under this contract including:

- Ten (10) Piping “cut-ins” to connect the TCP to the existing Thebaud Process Platform (TPP) main process lines.
- Fuel Gas tie-in allowing the TCP Fuel Gas System to supply the TPP.
- Installation of new MEG pumps and implementation of new control strategies for MEG flow to the entire field. Control of flow rates was required for a number of possible operating scenarios with or without compression running.
- Modification of instrumentation and PSV set pressures throughout the entire field to provide proper control and safety with/without compression running.
- Clash control for the engineering work by various contractors on the TPP.
- TPP power system bypass designed to minimize process shutdown during integration of TCP and TPP power systems.



- New potable water supply for TCP.
- Drawings and installation instructions for Temporary Safety Equipment required for the additional workers during the installation and commissioning of the Thebaud Compression Platform.
- Generator control upgrades which integrated the TCP and TPP power systems.
- Weather instrumentation on the TCP.
- TPP additional living quarters. For ongoing work on the TPP additional living quarters are required. ACCENT has designed a 60 ton platform for the installation of new living quarters.

The majority of these projects were schedule driven and required completion prior to the start-up of the new TCP. ACCENT provided a multi-disciplined team to complete the process engineering, preliminary engineering, detailed engineering, project and procurement specifications, procurement, vendor package management, shop drawing review, and fabrication. The dedicated team successfully completed the schedule driven projects on time.