



Process Piping Integrity Inspection Program (PPIIP)

Long Beach, California
Client: Beta Offshore

Beta Offshore requires assistance to review, update, and manage the Process Piping Integrity Inspection Program (PPIIP).

DPSI's scope of work includes:

- Include critically classified piping systems and process vessels in the PPIIP
- Verify that Flow Diagrams are current for the PPIIP
- Verify piping systems based on ASME and API classification recommendations
- Verify method of inspection (UT, PT, GUL, E-mat, etc.) required for each piping system
- Create reporting format to document inspection data
- Schedule upcoming/ongoing inspection activities
- Manage creation of system isometrics for TML tracking
- Manage 3rd party inspection contractors
- Manage removal of existing SS TML bands as inspection progresses
- Review specifications and reports for critical minimum thickness (t-min), corrosion rate, and retirement date (life expectancy)
- Create an Action Item List, based on Yearly Corrosion Rate and Life Expectancy and make recommendations for pipeline future inspection schedule, as well as possible mitigating measures (chemical injection recommendations)
- Develop and prepare AFE for piping repairs