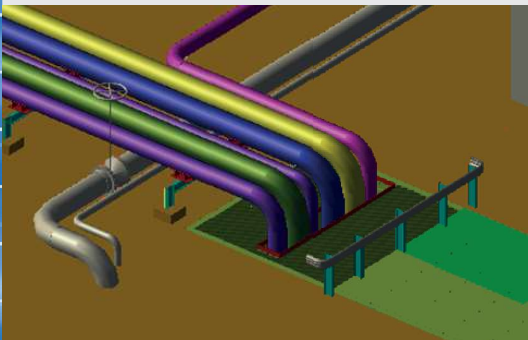


RAW WATER LINE REPLACEMENT

ENGINEERING DESIGN PROJECT MANAGEMENT



InSite provide engineering design and project management services fit for your operating site, supported by our combined experience of process operations, process safety, inspection & integrity management and instrumentation & control. Our experienced project managers have a track record of completing low cost, fast track projects and providing creative solutions to potentially expensive problems.



CHALLENGE

A refinery situated in the United Kingdom required a detailed engineering package for a project to replace existing underground water utility lines.

SOLUTION

InSite Technical Services project engineering team developed the detailed engineering deliverables from the client's basis of design, including 3D model, piping isometrics, civil & structural and instrument & electrical drawings.

This also included detailed calculations for piping stress analysis, tank nozzle loadings, and civil & structural loadings.

OUTCOME

- Project deliverables produced to a high standard, thus avoiding contractor Technical Queries (TQ) or changes during construction.
- Project design met client schedule.
- Project communication and understanding maintained with key stakeholders throughout project to ensure success of construction and operating phases of the project.