PIPE TRACKING

OffShore - OnShore

Consulting

PTI can staff your projects with professional project managers and QAQC inspectors who become part of your existing project team and work as if they were your direct employee, independent of PTI management. This is a perfect solution for companies seeking to supplement their teams, but who do not have the need or ability to direct hire. PTI employees will work at your office for the entire project SOW, depending on our clients' needs.

We will generate specific procedures and implement PTI's - Lone Star Pipe Tracking Program to suit your projects need. Whether it's an EPIC project needing our Pipe Tracking & Inspection Team from the first stage of the pipe mill manufacture or at the load out facility, where the line pipe is ready to be shipped offshore for the construction installation phase.

Pipe Tracking & Inspection

The Lone Star Tracking System is design to track the pipe from the mill manufacturing to the installation stage sub sea. During each phase, quality reports are generated throughout each initial process. Upon completion of each shift, reports will be logged and sent to the P.T.I Website for As-built documentation traceability. This allows constant communication between onshore/offshore project personnel in order to review daily production reporting. **This is a real-time, web based pipe tracking system .**

Pipe Tracking Phases:

Pipe Mill

Fbe Coating

Concrete Coating

Spool Base/Stalking – Reel Jobs

Spool Fabrication

Load Out Base Operations

Installation Processes

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Pipe Tracking Process, For example, Load-Out Phase:

Electronic Pipe Tracking – A pocket pc will be used during this phase with the entire inventory imported into the system and recalled when the pipe is loaded onto the cargo barge. Also the LSPTS has incorporated within a pipe inspection feature to ensure that every pipe that gets loaded onto the barge meets the client inspection specs. This feature is prompted as soon as the tracker enters the pipe data

Manual Tracking – A load-out tally sheet will be used during this stage. The pipe tracker will record each pipe as it is loaded onto the cargo barge. This process will continue until the cargo barge is fully loaded. The pipe data will also be double checked with a Master Tally list assuring that the data being recorded is accurate.

PTI objectives of this plan are to:

- Provide the basis of how PTI will execute the inspection activities at the Load-out yards,
- Provide assurance that the pipes loaded on the cargo vessels satisfy all of the project requirements,
- Identify the inspection activities to be carried out,
- Identify rejected material and provide details of remedial work to be performed if possible,
- Ensure that documentation is generated to provide objective evidence of satisfactory completion of the stages required to execute the work,
- Ensure that applicable records of inspection are collated and submitted as required by contract,
- Provide Pipe Tracking Traceability,
- Record the data from the pipe prior to loading on the "Load Out Tally Sheet",
- Perform the statistical pipe data inspections,
- Check recorded data against master tally provided by the LSPTS,
- Answer questions regarding pipe when needed,
- Relay tally information to the Pipe Tracking Supervisor at convenient intervals to ensure timely report generation,
- Ensure the required Anode, Spools and Buckle Arrestors quantities are loaded,
- Report to Pipe Tracking Supervisor,

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Load Out Inspection Process, For example, Load-Out Phase:

PTI - Lone Star Pipe Tracking System, Pocket PC, has integrated inspection capabilities that will maintain accurate Pipe Tracking, NCR's and OS&D reporting. Our QAQC inspectors use the latest inspection tools (see below) during each process to ensure that client specifications are met. If specifications are not met, NCR's and OS&D reports will be generated and the pipes will be flagged, as rejected, and set aside. All parties are involved during this process to ensure that everyone is informed of the damaged pipe.

Listed below are P.T.I.'s Inspection Tool List

- Standard measuring tape,
- Steel measuring tape, 50 ft. minimum length in 1/100' or laser for measuring lengths,
- Gauss gauge, for magnetism checks,
- External diameter tape,
- 36 in. deep callipers,
- 100 mm (6") callipers,
- Go gauges,
- Taut string or wire for straightness measurement,
- Protractor

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