PRS INTERNATIONAL
Pipeline Refinery Services

Pipeline Pre-commissioning

PRS International is suited for application during the whole lifecycle of the pipeline and are executed during: Construction, Commissioning Operation, Maintenance and Abandonment.

Pipeline Commissioning Services:

- Pipeline flooding testing and dewatering
- Pipeline geometry survey
- Pipeline drying using air
- Pipeline drying using Nitrogen

Pipeline Cleaning Services:

- Pipeline product displacements
- Mechanical cleaning (pigging)
- Chemical Cleaning

Pipeline Maintenance Services:

- Internal coating
- Temporary pipeline repairs

Pipeline Commissioning

Pipeline construction always involves work to be executed under the most difficult circumstances. Pipelines cross: desserts, mountains, rivers, lakes and domestic areas. It is vital that a new pipeline is tested upon its strength, its leak tight and cleaned and free from debris before taken into operation. PRS international and its partners have developed a complete pipeline commissioning package to safeguard a safe and smooth pipeline startup.

Caliper pigging

The pipeline geometry or caliper pig survey is executed by PRS International in close cooperation with partners. The tool is purpose built to measure any deformations in the pipe, which could cause efficiency loss or debris built-up in the pipeline. Deformations will be measured and pinpointed so that the defects can be assessed and if needed repaired before the pipeline is taken into production.

Pipeline drying

Pipeline drying follows upon hydrostatic testing, dewatering and the caliper run. Executing multiple foam pig runs on the pipeline will start initial drying operations. Injection of super dry air at a dew point of much lower than - 40°C shall be continued up to the moment that the target dew-point is reached; In case lower dew points have to be achieved PRS International can offer Nitrogen drying to dew points of - 65°C

Drying

Free water left in pipelines can cause formation of hydrates, which will cause initial efficiency loss and finally the pipeline to plug. Free water also contaminates the product and causes corrosion

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