

# Flooding, Cleaning and Gauging

EFFICIENT HYDROTEST PREPARATION OF NEWLY CONSTRUCTED PIPELINES

## OVERVIEW

Activities related to newly constructed pipelines include flooding, cleaning and gauging, strength/leak testing, dewatering/drying/conditioning and introduction of product. The main purpose of this is to verify the construction requirements have been adhered to, the system is as per specification and is in a state of readiness for handover to the operator.

In order to prepare a newly constructed pipeline for hydrostatic strength testing, the system must be water-filled to minimise air content. This is normally conducted using a pig as an interface, propelled by filtered, chemically treated water. Additional specifically designed pigs can be run in a train to maximize this activity by

cleaning the internal wall of the pipe and gauging the internal diameter. This combined activity is known as Flooding, Cleaning and Gauging.

This operation may also be performed as part of a maintenance, rectification program, or change of service such as conversion from oil to gas, CO<sub>2</sub> or Hydrogen service.

Using pumping, filtration and chemical injection equipment, whether onshore, offshore or in deepwater, we ensure that all operations are engineered and performed optimally to ensure flawless execution and maximized schedule efficiencies.

### APPLICATIONS

- Precommissioning
- Maintenance
- Change of Service
- System recertification

### FEATURES

- Multi-discipline services
- Deepwater proficiency
- Innovative technology

### BENEFITS

- Mature HSEQ-focused processes
- Optimum engineered solutions
- Fast and efficient field operations

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