

# Preservation

## LONG-TERM MOTHBALLING OF PIPELINE SYSTEMS

### 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.

Upon completion of pipeline precommissioning, or in the event that a pipeline is to be taken out of service for an extended period of time, it will occasionally be necessary to protect the system from corrosion or degradation.

Dependant on the pipeline service product, nitrogen or chemically treated water will be used for this operation which is referred to as 'Mothballing'

Using specially designed pigs as the interface between the pipeline contents and the preservation medium, the pipeline is displaced with a custom chemical application or dry nitrogen gas in a manner designed for the specific conditions and time period required. The system can be locked-in at any given pressure, usually above subsea or ambient atmospheric to ensure no ingress of water or air.

#### 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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