

**APPLICATION**

- Precommissioning
- Maintenance
- Change of Service
- System recertification

**FEATURE**

- Multi-discipline services
- Deepwater proficiency
- Innovative technology

**BENEFIT**

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

**PIPELINE SERVICES | PIGGING SERVICES**

# Drying

Pipeline dehydration for the introduction of dry product gas

**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 bulk fluid displacement or dewatering, it may be necessary to further dehydrate the pipeline system to prevent issues when product is introduced. Dry air or nitrogen can be blown through the system. Low density foam pigs can be used as part of this process to sweep and absorb free water and moisture vapor.

Should the specification require a very low dewpoint criteria, the most suitable application may be to vacuum dry the system allowing water to effectively 'boil-off' at ambient temperature due to the reduction in pressure. Once the necessary vacuum conditions have been achieved the system is brought up to pressure with inherently dry Nitrogen and locked in ready for commissioning.

Pipeline drying can be undertaken at any stage of the pipeline life should it be necessary to do so after remediation or maintenance works have been carried out. Effective program design will determine the best approach and combination of methods to best dry the system with considerations to time, cost and efficiency.

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