

## Reinstatement of Potable Water Systems, Controls & Protections from Layup

### Introduction

During the operational lifetime of an offshore rig there may well be periods when it is commercially beneficial to temporarily lay up or stack an asset. There are two main types of stacking; warm stacking or cold stacking. This technical sheet deals with associated requirements for reinstating a potable water system from cold stack conditions.

When preparing a potable water system for reinstatement from cold stacking, all relevant areas of the system must be considered. This includes supply lines, production process, storage areas, distribution lines and any other elements including treatment and control processes. Consideration should also include any refurbishments made to the system while in shutdown.

### Reinstatement & Start-up

Although a critical element of running of an offshore workplace, it is often the case that little or no allowance is made for confirming the suitability of the potable water system within an asset start up process. By implementing a systematic approach and confirming the potable water system will be correct at start-up, the risk of delays additional works while in location will be reduced. The potable water reinstatement should be developed as soon as reactivation is confirmed.

### Key Points

A potable water system startup procedure will be site specific, however will include the following.

- Review and assess the shutdown procedure and conditions. This should include both documented and actual conditions.
- Confirm whether any works have been carried out on the asset potable water system while in shutdown.
- Define with client the future requirements for the potable water system.
- Measure system requirements against actual.
- Define any additional work scopes, associated with the start-up, that may have an impact on the potable water system.
- Define and implement a full, complete and appropriate start-up potable water procedure.



*Various Stacked Rigs.*

Offshore Water Management is an independent provider of all services and support associated with water management within the offshore industry. This includes the design, supply, installation, management and maintenance of all offshore potable water systems. Our customer base includes Offshore Operators Drilling Companies and all types of marine support companies associated within the offshore industry.

### SERVICES

- Professional Technical Support
- Water System Audits
- Certified Training (Tailored specifically to the Marine and Offshore Industries)
- Dosage and Control Equipment
- System pipework replacement and refurbishment
- Field Testing Kits
- Management Control Procedures and Protocol
- Record Keeping and Reporting Software Systems
- Legionella Risk Assessments
- Accredited Laboratory Chemical, Physical and Microbiological Testing
- Consultancy