



Total Purity Solutions

Passivation Before Preservation

Especially, after chemical cleaning, HP water jetting or hydrostatic pressure testing, it is important to dry the system and to ensure the prevention of contamination and oxidation (corrosion).

The importance of passivation

If the system cannot be put into operation immediately, or if the pre-cleaned pipes and components have to be stored for an indefinite period, Ocean Team can pacify and preserve the system using various technologies depending on the application.

In some applications, it is beneficial to pressurize the system with nitrogen (careful monitoring is however necessary). In other applications, Ocean Team have had great success with Vapour Corrosion Inhibitors (VCIs), which also provide metal surfaces with excellent protection, preventing corrosion for many years.

VCIs are chemicals that are applied directly to the product needing protection. They are designed to create an invisible barrier, keeping moisture at bay. VCI molecules attach themselves to the metal surface, forming a thin, invisible film only a few molecules thick.

Passivation method depends on several impacts

Which passivation method to use depends on the product, material or situation, storage conditions etc. Ocean Team guides you to the best option that preserve the product for the longest period of time.



▲ Corrosion material from the inner pipewall which have not been sufficiently passivated and therefore corrosion arise.



Meet Your Demands

Let Ocean Team help you choose the best passivation method before preservation.



**Ocean Team
Group of Companies**