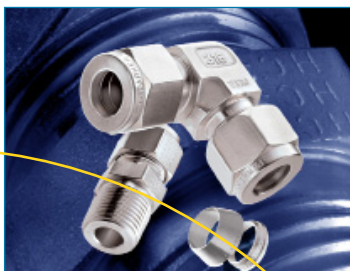


# CASE STUDY

## Jasmine Specialist Supply & Associated Training - ConocoPhillips



### Background

The Jasmine high pressure/high temperature field development is located in the UK sector of the North Sea. This new development contains significant gas reserves and will be tied back to the existing Judy platform.

In 2010, Dragados Offshore - a Spanish construction company with fabrication facilities in Cadiz, Spain - was awarded the EPC contract to build the topsides for the Jasmine drilling and riser platforms.

### Customer Requirement

Operators are increasingly under pressure to assure the technical integrity of all their platform equipment packages in order to improve overall asset performance and prevent loss of containment.

They must select and procure the correct equipment to meet particular technical requirements and this must be installed and commissioned by personnel that are fully competent and certified to carry out the work effectively, efficiently and safely.

Whilst there was a technical specification from ConocoPhillips that required the supply of Parker Low Pressure and Autoclave High Pressure products on Jasmine, these were to be manufactured from a relatively new corrosion resistant alloy - 6Mo. Additional competence was required in the handling, preparation and installation of these products due to the specialist nature of this material.

Hydrasun was approached to provide a solution due to its proven track record in supporting ConocoPhillips on its ongoing brownfield operations within the UKCS.

### Hydrasun Solution

Hydrasun supplied Parker A-Lok® and Autoclave high pressure tube and fittings in specialist 6Mo materials for the Chemical Injection, Hydraulic Power Units and Wellhead panels.

To address the identified personnel competency gap that existed with the customer and their subcontractors, Hydrasun also provided bespoke training in the correct handling, preparation and installation methods tailored specifically for the Jasmine project.

The training was delivered at the Dragados Offshore facility in Cadiz for over 40 on-site personnel with particular focus on joint integrity, utilising the latest best practice techniques recommended by Parker for compression fittings and Autoclave for coned and threaded connections. Dual language training material was provided.

In addition, a Hydrasun pipefitting supervisor and test engineer was based on site in Cadiz to help supervise the installation and oversee the pressure testing, flushing and commissioning of the equipment packages in which the products were installed, ensuring that the correct procedures were followed in a safe manner and that there were no fittings failures.

### Result

- Delivery of specialist, non-corrosive, longer life products that are manufactured to the highest quality standards.
- Tailored training solutions to enable Dragados personnel to become certified installers of Parker A-Lok® and Autoclave high pressure tubing and fittings.
- Expert Advice and support from an onsite pipefitting supervisor and test engineer at installation stage.
- Validation of integrity of all the Autoclave fittings with installation performed by Autoclave and A-Lok qualified personnel.
- In addition to product supply and tailored training services, Hydrasun also supplied similar materials for upgrade work on the existing Judy platform to facilitate tie-in from Jasmine.

### At a glance...

#### Customer

ConocoPhillips

#### Location

Jasmine, North Sea UKCS

#### Customer Requirement

Assure competence of personnel installing Parker A-Lok® and Autoclave high pressure tube and fittings in order to enhance the technical integrity of the platform when it is in operation

#### Hydrasun Solution

Provision of high pressure tube and fittings products in specialist 6Mo material as well as associated training in line with Parker and Autoclave approved training courses

#### Benefits

- Enhanced technical integrity of platform through use of specialist non-corrosive, longer life materials
- Competency of installation personnel assured through tailored training programmes

*"The project received excellent support from Hydrasun with respect to provision of instrument tubing materials and training (in native language) to the workforce to ensure the required level of quality was achieved with potentially challenging materials".*

**Mohan Chahal**

**Topsides Delivery Manager, ConocoPhillips**



Hydrasun  
Gateway Business Park  
Moss Road  
Aberdeen  
AB12 3GQ

Tel: +44 (0)1224 618618  
e-mail: [fppc@hydrasun.com](mailto:fppc@hydrasun.com)  
[www.hydrasun.com](http://www.hydrasun.com)

