

# SSA Riser Recertification

Cape Town, South Africa



Platteklouf Road  
Cape Town  
South Africa  
+27 (0)21 5587304

## Riser one stop shop

Our Marine Drilling Riser Repair Facility is strategically located in Cape Town, South Africa. Our close proximity to the west and east African oil and gas fields, puts NOV in the right position to service the whole of the Sub-Saharan region. Situated only twenty minutes from Cape Town's traditional port of call or eighty minutes from Saldanha Bay, a specialized industrial development zone dedicated to the oil and gas industry, makes getting your 90 foot risers to our facility simple. The ease of movement of risers, is due to the fact that this NOV Riser Recertification Facility is located on the heavy transport route from both these close ports.

Our facility consists of an  $\pm 11,000\text{m}^2$  (118,403 foot<sup>2</sup>) yard space and a  $\pm 4,000\text{m}^2$  (43,055 foot<sup>2</sup>) workshop area. The blast and separate paint booths are designed for the full length of 90 foot risers. Our facility is supported by a dedicated riser team of on-site riser engineers.

Our team has a reputation for best-in-class quality along with its unparalleled repair capability, which makes it easy to see how we can offer the most dependable riser recertification solution today. By having all our support services available on site, we are able to provide a quick turn-around of your risers.

# Capabilities

We support the complete NOV riser, telescopic joint and other riser string components which includes both DT and FT risers. Inspection services (MT, UT and PT) are supported on site.

## **We offer full 5-year re-certification through strip-down, inspection, weld repairs, pressure testing, painting and assembly.**

A quick turnaround on repairs is achieved due to our ability to have on-hand key spares in stock at our facility. These include seals, fasteners, auxiliary line tube, pins and boxes. Our facility is fully approved by NOV Pressure Control Group (PCG) and can perform all required weld repairs to your risers. High pressure testing can be offered up to 30,000Psi. All painting is done to NOV specifications on site which eliminates need for additional transport costs. Riser buoyancy module repairs are carried out to OEM specifications and approved procedures, including the use of a dipping tank to verify uplift/weight properties after repairs. Specialized re-coating services such as Xylan, Sermagard and Everslik can be provided in-house by our Port Elizabeth facility. (760km from Cape Town facility or overnight by truck)

Our QMS is based on ISO 9001:2008 and compliant to API Q1 (8th Edition) which together with our QC team ensures that all quality documentation is completed promptly and to the relevant standards. We work closely with both ABS and DNV, who have local representation to support any recertification process.

### **NEW On-Board Inspection:**

NOV PCG has developed an in-situ riser inspection procedure which can be used for the 1st 5-year recertification of your risers. These inspection processes can be performed on-board a working rig. Only risers requiring major repairs need to be sent to our facility. A comprehensive set of specialized inspection equipment (Including Phased Array UT) can be mobilized to your rig allowing our competent and dedicated inspection team to carry out the recertification. As part of this kit, we have a specially designed honing tool which is used for honing of damaged auxiliary line pins and boxes, removing any light scoring. Whilst offshore, our inspection teams are well supported from our Cape Town base to ensure the timely completion of all data books and COC's.

### **Riser Repair Solutions:**

We pride ourselves, on finding in-country solutions for your riser recertification requirements, should it not be feasible to ship your riser joints for repairs to our Cape Town facility. We are committed to offering an in-country (or closest possible safe working location) repair solution for your marine drilling risers. Repair equipment (including welding, pressure testing, Post Weld Heat Treatment etc.) can be shipped (via sea or air) to the required location. Our mobile weld repair teams will ensure that all necessary weld repairs are completed promptly.

