

HOT BOLT CLAMP ROPE ACCESS

Challenge

The Client had corroded studbolts on four-bolt flanges in its offshore oil and gas platform in the Gulf of Mexico.

This posed a potentially significant safety issue and Stork was tasked with removing and replacing the bolts on 300 flanges during a planned turnaround.



Solution

Stork utilized its patented Hot Bolt Clamp (HBC) technique and rope access solutions to safely and efficiently remove and replace the corroded bolts on the identified flanges

During the campaign, the Stork Hot Bolt Clamp team found a leaking flange. After thorough risk assessments and with the inclusion of additional PPE, Stork replaced the bolts on the flange and prevented further leakage.



Client benefits

Shut-in prevented

Stork's intuitive thinking and collaboration with the Client prevented the floating facility to shut-in. This reduced the turnaround duration and decreased overall costs.

Safety improved

Stork prevented a potentially significant safety issue by identifying and fixing the leaking flange.

Quality delivery

The HBC workscope was completed on time, within budget with no safety or environmental incidents.

Project fast-facts

Project: Corroded bolt removal and replacement

Client: Major Gulf of Mexico operator

Location: Offshore asset, Gulf of Mexico

Services: Hot Bolt Clamp, rope access

Date: 2016