WHY CUBICWHEELS FOR FLANGE MANAGEMENT SYSTEM?

CubicWheels provide flange management and bolt tensioning & torquing services literally anywhere – onshore, offshore & subsea. Our Engineers and Technicians are a qualified and well-knit team with a wealth of knowledge and hands-on experience in flange management services.

CubicWheels procure their equipment & tools from reliable sources with proven track records and support services as it is central to the timely and safe delivery of projects. CubicWheels enhance their flange management capabilities by keeping abreast of the technical team through trainings and workshops on the latest trends, technologies and tools.

Our technical team is available round the clock to support our Clients before, during and after the project.

OUR OFFICES

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CubicWheels
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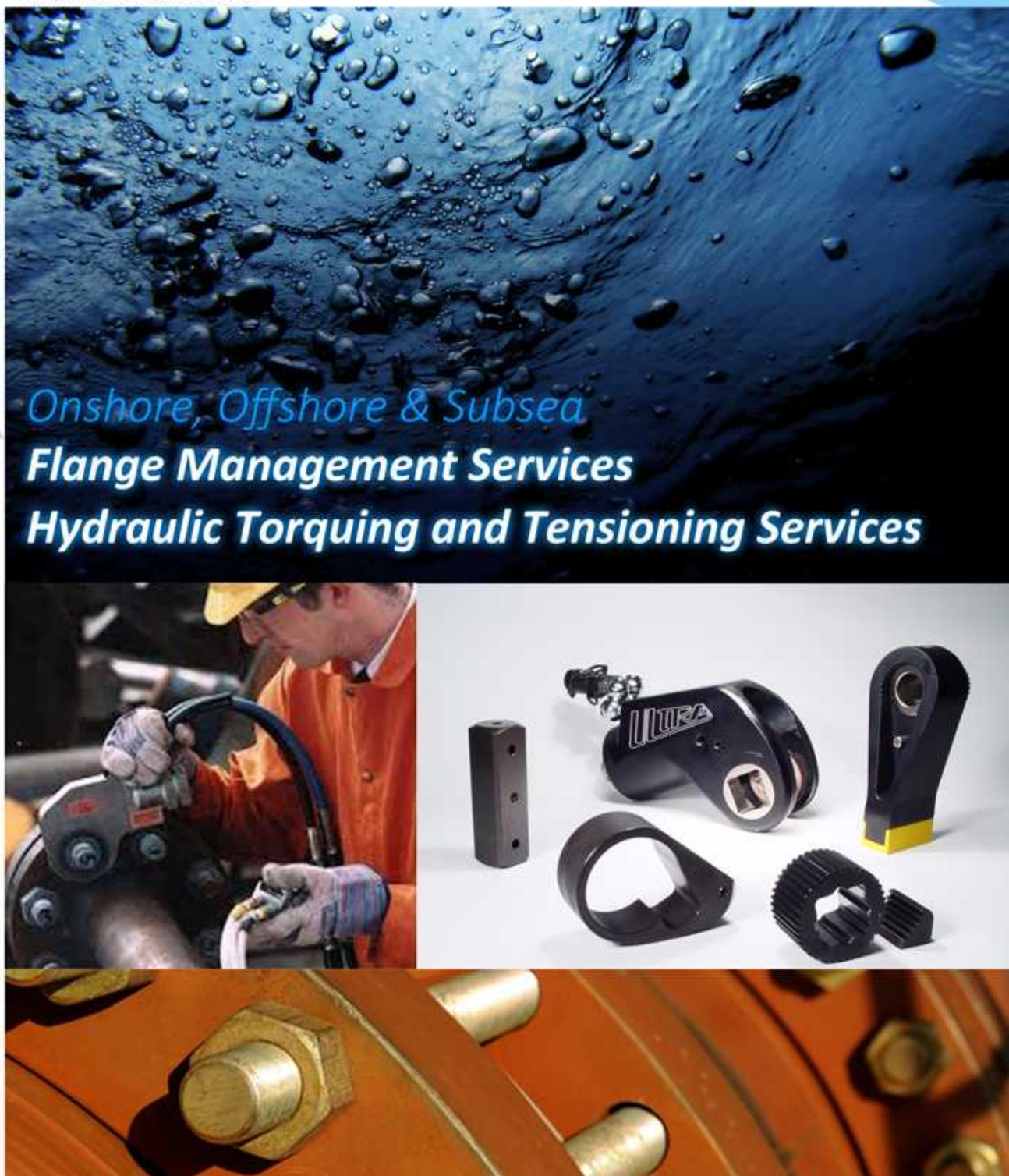
we believe in the unbelievable



CubicWheels specialise in flange management services and a wide range of tools, including maintenance & repair of bolted joints, bolt tensioning and torquing, leak testing and other pertinent services, which are vital for effective and efficient execution and management of projects.

CubicWheels are a qualified and well-knit team of experts, engineers and technicians with a wealth of knowledge, hands-on experience, commitment and passion to deliver a timely, safe, quality and value-added services to our clients.

FLANGE MANAGEMENT SYSTEM & ITS SIGNIFICANCE

Bolted joints are very common yet a vital part any pressurised systems. These joints shall not only be made up properly but also be inspected, maintained and managed through out their service life. Failure to do so would result in a leak, which might lead to project delays, unplanned shutdowns or loss of productivity, and even to damage or loss of life, assets and environment.
General problems associated with bolted joints are incorrect joint assembly, improper tightening methods, ineffective flange tagging systems and lack of formal flange control / management system.

PREVENTING A LEAK IS FAR CHEAPER THAN REPAIRING IT

The joint leaks can be controlled by improved Flange Management procedures. The flange management system can assure that all process system flanges are identified and have been mechanically completed in a controlled manner that helps minimize, and in most cases eliminates, integrity-related issues (such as leaks) at startup.

The use of a proven flange management system can offer the following benefits

- *Improved safety and environmental performance*
- *Helps ensure zero leaks at startup*
- *Adherence to the project schedule*
- *Reduced project / turnaround schedules*
- *Reduced resource requirement and cost*
- *Reduced pressure / integrity testing costs*
- *Increased productivity*
- *Improved profitability*

Help assure the start-up date of a process system through the use of an organized and well-implemented flange management system. A formalized flange management and control system with correct procedures can ensure asset integrity. Early adoption of a robust system enables a high degree of influence on the Outcome of the construction project and has proven to be extremely cost-effective.

The important tools required in Flange Management System include Bolt Tensioner, Hydraulic torque Wrench and Nut Splitter.

BOLT TENSIONER

Bolt tensioners offer a reliable means of applying clamping force to bolted joints, i.e by directly tensioning bolts in a much controlled manner.

Being able to tension multiple fasteners simultaneously and in harmony adds to improved efficiency. Bolt tensioners are available for in various sizes to suit bolt sizes and tensioning levels.

HYDRAULIC TORQUE WRENCH

Hyraulic torque wrenches apply clamping force on bolted joints by tightening nuts. They can be either mounted directly on the nut or through an impact socket. Torque wrenches apply a predetermined torque on nut in a controlled manner and the corresponding tension induced in the bolts, and hence the clamping force, depends on the friction between the threads on bolt and nut.
Hydraulic torque wrenches are available for various bolt sizes and torque levels.

NUT SPLITTER

Hydraulic Nut Splitter is an ideal tool for removing rusted nuts, that have seized up and corroded. They are designed with a single acting spring return, which eradicate the need grinding or flame cutting. Nut splitters are flexible and versatile equipment capable of cutting nuts of any shape and size.