

## Controlled Bolting Services



Hydratight's fully trained and competency assessed field service engineers inspire confidence that all bolting operations, whether torque or tension, will be carried out efficiently and safely. Our field service engineers will confirm that correct bolt loads are achieved and not just applied, ensuring leak-free bolted connections.

### **Torque Services**

As a service company and a manufacturer of quality products calibrated to high certification standards, Hydratight can supply hands-on field service engineers and all torque equipment for safe bolting needs. Hydratight offers a comprehensive range of torque services, providing the required accuracy and consistency necessary for safe, bolted joint solutions.

### **Tension Services**

Various industries have highlighted the need to apply accurate bolt loading in a controlled and safe manner. Increasingly we see that this is achieved using hydraulic bolt tensioners. Bolt tensioning offers the ability to tension or de-tension all studs simultaneously. Our wealth of experience is perfectly suited to cope with the wide variation of bolt tensioning applications.

### **Flange Spreading**

A leak-free start up is a goal more readily achieved by replacement of worn or damaged gaskets, however, this operation can be time consuming. Moving pipes out of alignment to access gaskets can prove a major task. Highly skilled Hydratight field service engineers can quickly access gaskets using our purpose-built flange spreaders to assess gasket integrity and replace as necessary.

### **Pipe Alignment - Flange Pulling**

Avoid delays caused by the commonly occurring misalignment of pipe with Hydratight's flange puller, professionally operated by our field service engineers to quickly orientate pipes and make the connection with a minimum of downtime.

### **Seized Nut Splitting**

Hydratight's nut splitting service quickly removes seized and corroded nuts, without damage to existing studs, ensuring all deadlines are achieved.

### **Ultrasonic Bolt Load Measurement**

Achieving the correct load in a bolt is a more complex science than it may first appear. Variables such as friction, temperature and machining tolerance can all dramatically affect the residual load in a bolt after force has been applied. Hydratight's ultrasonic bolt load measurement service provides assurance for all critical applications.

### **Informat Software**

Hydratight can quickly assess the suitability of equipment to fit particular joints through its bolting calculation software Informat and Boltup, or in more complex cases via the technical support teams based in our regional facilities.

