

## Bolting Services

- Flanged Joints: Critical Components
- Ensuring Joint Integrity
- Collaborative Approach
- Extensive Plant Experience
- High-Pressure Operations
- Expert Tightening Procedures
- Compliance with Industry Standards
- Precision, Reliability, Safety



### Controlled Torque and Bolt Services

Flanged joints play a crucial role as critical components in mechanical equipment. However, even after thorough testing, the occurrence of leaks or defects can lead to catastrophic accidents. Given the immense pressures these equipment endure during operation, ensuring the absolute integrity of these joints becomes of utmost importance in order to prevent the release of hazardous substances into the environment.

To prevent any gas or fluid leakage from flange joints, our expert team at **Hotwork Heat Treatment & Specialized Services** excels in tightening procedures. We collaborate closely with clients to define the optimal sequence for tightening or torque application.



Alternatively, we offer our own cutting-edge Flange Bolt Torque Tightening Procedure, accurately crafted by our engineers and fully compliant with industry standards such as the ASME PCC-1 Code and the equivalent ISO EN 1591 in Europe. These procedures have been extensively employed during both the construction and operation phases of numerous plants worldwide.

With our expertise in controlled torque and bolt services, we can ensure the highest level of precision, reliability, and safety for your critical equipment.

**Hotwork Heat Treatment & Specialized Services** uses the Slim series hydraulic torque wrenches design, specifically designed to accommodate tight spaces where conventional tools may not be suitable. Our focus is on achieving the utmost level of safety in industrial bolting jobs.

Additionally, we offer alternative designs upon request, ensuring hands-free operation and further enhancing job site safety.

Used equipment



Pneumatic Driven Hydraulic  
Torque Wrench Pumps



Low Profile Hexagon  
Hydraulic Torque Wrenches

Coverd Sizes

Torque (N.M.)	Nut Size (mm)
232-2328	19-55
241-2414	60
585-2510	34-36
585-5021	41
585-5858	46-65
647-6474	70-80
1049-10491	41-95
1177-11774	100-105
1852-18521	50-117
4188-41882	110-155
4459-44593	160-175



**Portugal**  
Rua Comercio e Industria 2445-768  
Martingança, Portugal  
www.hotworkhts.com  
contact@hotworkhts.com  
**The Netherlands**  
Seggelant-Noord 7-A 3237 MG,  
Vierpolders, The Netherlands  
www.hotworkhts.com  
info@hotworkhts.com

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