

Bolt Torquing Fact Sheet

Course Overview

The Bolt Torquing course provides an in-depth understanding of the principles and practices of bolted joint assembly. Participants will learn about torque and tension, bolted joint behavior, tightening strategies, and proper use of torque wrenches. This course equips individuals with the knowledge and skills needed to ensure safe and efficient bolted connections.



client site training, depending on your personal preferences



learn from an expert trainer with years of experience

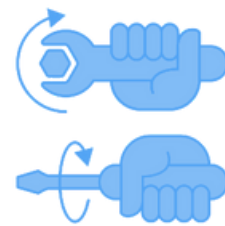


Budget Friendly learning

Who should enroll to this course?

Maintenance technicians, engineers, mechanical fitters, and anyone involved in equipment assembly, maintenance, or reliability would benefit from enrolling in the Bolt Torquing course.

It is also suitable for professionals seeking to expand their knowledge of proper bolted joint assembly techniques.



Join Us Today!



info@eliteoffshore.in

training@eliteoffshore.in



+91 80974 72277

+91 80974 79900



+91-22-4970 4933



G- 5, Platform Level, Tower-3,
Belapur Railway Station
Complex, Sector-11, C.B.D.
Belapur, Navi Mumbai-400614.

What does this course Covers?

- What is torque?
- Why it is preferred for bolt tightening?
- Bolt torque for flange joint assembly
- Stress-strain curve
- Forces on a bolted flange
- K Factor-Importance of lubricant
- Factors affecting torque values
- How much Bolt Load should you apply?
- Bolt Torque calculation
- Manual torque wrench
- Hydraulic torque wrench and it's components
- Hydraulic Bolt Tensioning
- Hydraulic bolt tensioner
- What is gasket?
- How does gasket prevent leakage?
- Gasket specification
- Types of gaskets
- Should we apply grease on a RTJ gasket?
- Chemical resistance chart
- Installation of gasket
- Alignment of flanges
- Consequences of gasket failure
- Gasket installation
- Bolt tightening sequence
- Things to avoid while installing gasket

- Course Code - 504
- Duration - 1 Day
- Knowledge level - Intermediate
- Category - Electrical and Instrumentation
- Offline/ Client Site

- Why studs are preferred over bolt in flanged joints?
- Latest development in bolt torquing

Ready to get started?

Take the next step in enhancing your skills and ensuring the safety and reliability of bolted joints. Enroll in the Bolt Torquing course today to gain valuable expertise in bolted joint assembly, torque techniques, and maintenance practices.

About Us

Elite Offshore Pvt Ltd, established in 2015, is a leading provider of Offshore, Marine and Industrial Safety and Skill training and certification programs. With a commitment to safety, compliance, and excellence, we empower professionals worldwide with the knowledge and skills they need for success in their careers.

Ecademy was established in 2021, serves as our specialized division, providing customized E-Learning solutions designed to meet the specific needs of the industry. Through Ecademy, we offer the IADC-Accredited RigPass Online Course, alongside other valuable E-Learning programs like IMDG Code Courses, Basic First Aid, and more.