

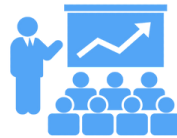
# Bolt Tensioning Fact Sheet

## About Us

The Bolt Tensioning course delivers comprehensive instruction on the principles and methods of achieving and maintaining proper bolt tension in various applications. Participants will learn about hydraulic and mechanical tensioning, load measurement, equipment operation, and safety considerations. This course equips individuals with the knowledge and skills required for effective bolt tensioning practices.



client site training, depending on your personal preferences



learn from an expert trainer with years of experience

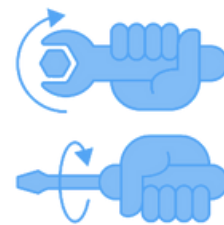


Budget Friendly learning

## Who should enroll to this course?

Maintenance technicians, mechanical engineers, plant managers, and individuals involved in construction, assembly, or maintenance of mechanical systems should enroll in the Bolt Tensioning course.

This course is also suitable for professionals aiming to expand their expertise in achieving and maintaining accurate bolt tension in industrial settings.



## Join Us Today!



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Belapur Railway Station  
Complex, Sector-11, C.B.D.  
Belapur, Navi Mumbai-400614.

## What does this course Covers?

- Overview of offshore oil & gas installation
- Bolted joints
- Flanged joint
- Components of flanged joint
- Studs & Hex Bolts
- Bolt material guide
- Bolt thread
- Bolt coating / plating
- Bolt specification & identification
- Improper joint - THE BOLTS ARE TOO SHORT!
- Washers
- Manual Bolt Tightening
- Manual Bolt Tightening Procedure
- Leaking flange & bolt tightening
- Hot bolting
- Restrictions on Hot Bolting
- Problems & corrective measures
- Flange spreader
- International standard for flange material & dimension
- Pressure classes of flange
- Types of flanges
- Butt weld flange versus fillet weld flanges
- Flange facing
- Flange pressure/ temperature rating

- Course Code - 505
- Duration - 1 Day
- Knowledge level - Advanced
- Category - Electrical and Instrumentation
- Offline/ Client Site

- Flange specification
- Flange identification
- Pipe flanges Do's and Don'ts
- Bolting Do's and Don'ts
- Points to be taken care of while dismantling/  
assembling flanged joints

## Ready to get started?

Don't miss out on the opportunity to enhance your skills and expertise in achieving precise bolt tension. Enroll in the Bolt Tensioning course now to gain valuable insights into hydraulic and mechanical tensioning methods, equipment operation, and safety protocols.

## 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.