

FASTENER INTEGRITY & HIGH PRESSURE BOLT-UPS



Fasteners Integrity for Rotating Equipment, Piping and Vessel Flanges, Structural Steel

COURSE DESCRIPTION

16 Hours/No Prerequisite

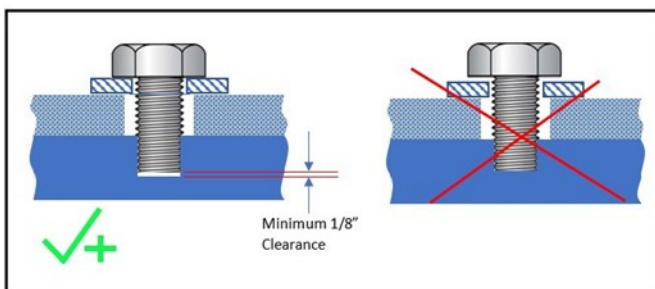
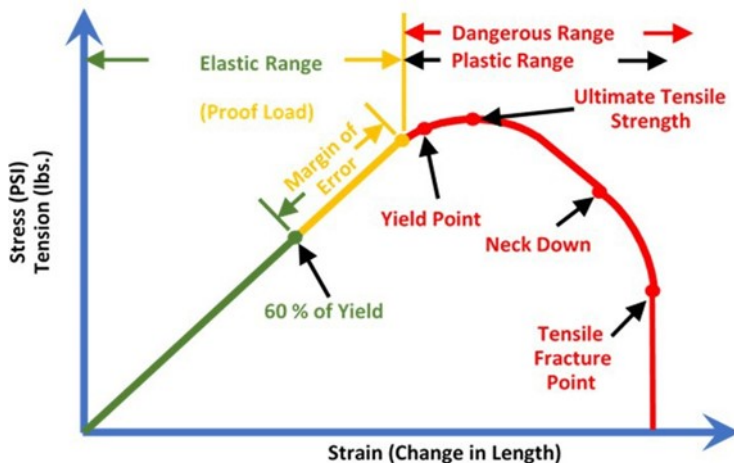
It Only Takes One Failure to Wipe Out the Advantage of the Many that were done Correctly. For many years, fastener integrity has taken a back seat to more visible and what some consider more important issues. Lack of fastener integrity can cause disruptions in production and safety hazards at a minimum.

This training curriculum has been developed to be comprehensive, covering fasteners for rotating equipment, piping and vessel flanges, and structural steel. This course can be targeted to your industry and can be adapted to the skill level of your workforce.

RECOMMENDED AUDIENCE: Millwrights, Mechanics, Supervisors, Operators, Planners, Reliability Engineers, and Managers

TOPICS COVERED

- Understanding Fastener Terminology & Specifications
- Use of PCC-1 Standards to Ensure Proper Piping Alignment and Proper Sealing Surfaces
- Fastener Charts and how to use them
- Safe Disassembly of Bolted Connections
- Bolting/Fastener Reliability—Importance of Correct Thread Engagement, Proper Tensioning, Adverse Effect of Stress Risers
- The Stress Strain Curve of a Threaded Fastener and how to stay within the Margin of Error
- Torque Relationship to Bolt Tension
- Working with Assemblies that have Multiple Fasteners



A Hendrix Precision - Cornerstone Partnership

