

# Discover The Resources & Secrets Successful Inspectors, Designers, Contractors and Buyers Want to Know About Quality Assurance and Leak Free Bolted Connections!



Bolted joints may seem simple in concept. The truth is, every bolted joint assembly is a complex interaction of elastic components, each supplied by a separate manufacturer. **Who coordinates the design and assembly?**

Unknown to many, there is an entire industry dedicated to the study of the interactions between the flange, bolt, nut, washer and gasket. Up until now, unfortunately, training in this subject has been ineffective.

...work includes but is not limited to materials, workmanship, and manufacturer and fabrication of components.  
FAR 52.246-12 Inspection of Construction

**Now you can get some quality assurance answers with the Westermann interactive video that is complete, easy to understand and entertaining.**

Whether you are bolting closed a nuclear reactor pressure vessel hatch, a steam boiler pressure relief valve, or a municipal polyethylene water pipe flange assembly, the bolting mechanic needs the same certification and bolting technology to accomplish the leak-proof seal. The Westermann bolting technology training and certification provides those skill-sets. At last the industry has a national foundation to develop skilled workers for their benefit and the benefit of their contractor / construction employers.

Harvey Svetlik, P.E.  
Author of Technical Note TN-38 Bolt Torque for Polyethylene Flanged Joints

## Course Outline

- Piping Systems
- Materials Science
- Forces acting upon a bolted joint
- Flanges
- Bolt and Nut
- Gasket
- Corrosion
- Torque values
- Installation
- Design
- Quality Assurance

## Sign Up Now!

Course launch in January 2010

To receive information, email your contact information to:

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