
Fill in the blanks or attach your business card below and return to AIMCO

Name: _____

Title: _____

Email: _____

Area of Responsibility: _____

Company: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____

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10000 SE Pine Street
Portland, OR 97216

1-800-852-1368 • FAX: 1-800-582-9015

www.aimco-global.com

For registration, contact:

AIMCO Customer Service

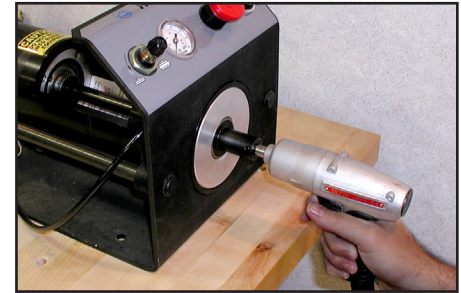
Phone: 800-852-1368 Fax: 800-582-9015

Email: sales@aimco-global.com

10000 SE Pine Street
Portland, OR 97216



Torque Seminar



Solutions for World-Class Manufacturing to Help You...

- Increase your company's bottom line
- Lower down time
- Decrease your rework
- Clearly define tightening strategies and processes
- Plan auditing procedures before, during and after assembly
- Gain confidence in the quality of your assembly processes

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THE GREEN LIGHT TO ASSEMBLY EXCELLENCE

ABOUT THE INSTRUCTOR



Michael Hawes has over 20 years experience in tightening and measuring bolted connections.

He has worked on a wide variety of assembly applications, including in the following industries:

- **Light-to-Medium Assembly:** automotive, aircraft, motorcycles, RV's, boats, personal watercraft, electronics, and telecommunications.
- **Heavy Industrial:** railroad, locomotives, power generation, refineries, foundries, shipbuilding, offroad and construction equipment.
- **Medical:** pacemakers, defibrillators, halo clamps, safety syringes, and implants.
- **Government:** ammunition, weapon systems, flight, space, surface ship, submarines, and tanks.

Michael Hawes is the Business Development Manager for the Torque Measurement Systems product group at AIMCO. His responsibilities include presenting seminars throughout the U.S. and international sites, developing tutorials for torque tightening seminars and conducting torque/clamp load studies for numerous clients.

***Schedule your class at our facility
or Mike can come to your location.
Please call for more details.***

WHO SHOULD ATTEND

- Plant Managers
- Assembly Engineers
- Manufacturing Engineers
- Production Managers
- Quality Control Personnel
- Assembly Personnel
- Maintenance Personnel

SEMINAR OUTLINE

- History and purpose of threaded fasteners
- Fasteners and joint components
- Joint types, design stiffness and joint rate
- Torque... what is it and how do we use it?
- Energy distribution
- Friction... unintended and intended
- Mechanical and chemical locking mechanisms
- Hand and power torque tools
- Tightening strategies
- Torque measurement equipment
- Torque auditing methods
- Traceability of torque instruments

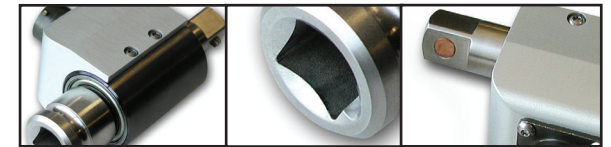
Each attendee will be given an Introductory Primer that closely follows the seminar subjects.

***AIMCO's Torque Seminars are
conducted in a logical progression
from threaded fastener history and
usage to a discussion of auditing
techniques and industry practices.***

***AIMCO is a market leader
in assembly solutions based
on threaded fastening.***

AIMCO provides the most complete line of world-class assembly products and application assistance available from any single source:

- Power Tools: Pneumatic, Electric and Cordless
- DC Controlled Fastening Tools
- Torque Measurement Systems
- Assembly Systems
- Tool Support Systems
- Fastener Tools



**We specialize in providing total
assembly solutions for fastening to
enhance your...**

- **P**roductivity
- **E**rgonomics
- **R**eliability
- **Q**uality



The PERQ® formula combined with AIMCO's integrated product groups and industry experience, enables manufacturers to enhance their competitiveness in today's global market!

THE GREEN LIGHT TO ASSEMBLY EXCELLENCE