



You are invited to attend a tour of Carver Engineering and Manufacturing, specifically their FACT Center (Fastening Applications, Consulting and Training Center). The FACT Center serves the fastener supplier and user in all aspects of fastening technology. This casual meeting will explore some of the most important knowledge base areas for anyone who uses or designs with threaded fasteners.



The presentation and Q and A will include:

- ❖ Fasteners Materials
- ❖ Understanding Torque Tension
- ❖ Plating, Coating, and Corrosion
- ❖ Fastener Failure Investigation
- ❖ Fastener Testing and Laboratory Test Reports
- ❖ The Most Important ASME Fastener Standards, and
- ❖ Resources for Fastener Technical Information.

There will be hands on demonstrations of Torque-Tension Testing, Hydrogen Embrittlement Testing, Thread Measurement, and Structural Bolt Assembly Lot Testing. You are encouraged to bring real life bolting and fastener problems and examples.

Date/Time: Thursday, January 28, 2016, 6:00 pm

Address: 1920 Cordell Court, Suite 101, El Cajon, 92020

Meal: \$10 at the door (from Phil's BBQ, vegetarian entrees available with advance notice)

RSVP: by 6 pm on Friday, January 22, online (preferred) at <https://goo.gl/9rQtjG>. For questions email [sandiego.asme@gmail.com](mailto:sandiego.asme@gmail.com). Space is limited--first come first served.

Presenter: Carmen Vertullo is a fastener consultant and trainer and founder of Carver Consulting and the FACT Center. He is a lead trainer with the Fastener Training Institute (FTI)<sup>®</sup> and has developed and presented fastener training programs for associations, suppliers, and end users throughout the United States. Mr. Vertullo holds a BS in Manufacturing Engineering and is a member of the ASTM International Technical Committee F16 on Fasteners.

Raffle: We will be raffling off very nice books on Fasteners and Bolting Engineering. Each \$10 paid registration will receive 1 raffle ticket. More can be purchased for \$5 each. No limit on ticket purchases. You must be present to win.

Here are the books and their values:

- 9th Edition INCH FASTENER STANDARDS (2014), Value \$345.00
- IFI Torque book For Fasteners – 2 each, Value \$50.00
- IFI Fastener Technology Handbook -- 2 each, Value \$100.00
- Mechanical Fastening and Joining by Bengt Blendulf, -- 2 each, Value \$125.00
- IFI Technical Bulletin – The Critical Fastener Facts Every Fastener Supplier and User Should Know – PDF emailed to all attendees as requested.

Note: This is a manufacturing environment. Loose clothing, open toed shoes, high heels, and shorts are discouraged.