

Professional Development Workshops 2010  
As of January 19, 2010

“Creating a Sustainable Reliability Culture” presented by Ramesh Gulati, Aerospace Testing Alliance (ATA)

How do you define a best practice or excellence in maintenance and reliability? What are the elements of a best practice? How do you implement best practices in your facility to impact the bottom line? What barriers, including cultural issues, do you need to overcome to implement them successfully? How do you use metrics to measure the effectiveness of these practices?

This workshop will address cultural elements - reliability culture; maintenance and reliability best practices; and barriers to implementing best practices and sustaining a reliability culture.

Each participant will receive a recently published book titled “Maintenance & Reliability Best Practices” by Ramesh Gulati as well as PowerPoint slides for the seminar.

“Fitness for Service” presented by Equity Engineering Group

This seminar will provide a general overview of API 579 “Fitness for Service” which describes standardized fitness-for-service assessment techniques for pressurized equipment used in the petrochemical and petroleum refining industries. Fitness-for-service is defined as the ability to demonstrate the structural integrity of an in-service component containing a flaw.

“Craft Training Best Practices” presented by Barbara Trautlein, Change Catalysts and Clarence Trowbridge, BP

This seminar is a hands-on experience for maintenance and reliability professionals and leadership who want to know how to manage the non-technical side of change. Using information from a recent survey on the "state of learning and development" in NPRA member companies, this seminar will identify pressing needs and opportunities, and best practices to meet skill and performance demands. It will also discuss the scope and specifics of the issues involved and then suggest targeted solutions and processes. The leaders will also draw on real-life experiences working with craft apprenticeship and mentoring programs.

“Design and Siting of Facilities – Changes to API RP 752” presented by Tom Rodante, Baker Engineering and Risk Consultants

API RP 752 provides guidance for managing the risk from explosions, fires and toxic material releases to on-site personnel located in new and existing buildings intended for occupancy. It was developed for use at refineries, petrochemical and chemical operations, natural gas liquids extraction plants, natural gas liquefaction plants, and other onshore facilities covered by OSHA 29 CFR 1910.119. A new edition of API 752 was published in late 2009. Significant research and development of technology pertinent to building siting evaluations have been performed since the publication of the previous editions of API RP 752. This seminar will provide an orientation to the recommended practice and highlight the changes in 752 that one must know.