



HOTEL

The Tropicana Hotel is located at 3801 Las Vegas Blvd, Las Vegas, NV 89109. For information on the hotel and area attractions, or for driving directions, visit the hotel's website at

<http://www.troplv.com>

For reservations, call the hotel directly at 1-800-462-8767 and be sure to mention the *ASQ Conference*. A special conference rate of \$79 plus tax per night is available until September 2, 2011. Room rate for Friday and Saturday nights is \$93.

Register online at www.asq.org/ee.

CONFERENCE REGISTRATION FEES

	Fee received by September 2, 2011	Fee received after September 2, 2011	Daily Fee
ASQ Member	\$695	\$725	\$325
Nonmember	\$745	\$775	\$375
ASQ Student	\$125	\$125	\$75
Spouse/Guest	\$60	\$60	n/a

Spouse/Guest fee includes Sunday reception and three continental breakfasts.

Lead Auditor NQA-1 & ANSI N45.2.23 Certification Workshop Fee: \$1,395

Substitutions or Cancellations

Substitutions can be made at any time—even on-site at the conference. If you find you cannot attend and cannot send a substitute, we will be happy to transfer your conference fees to another ASQ-EED conference or course of your choice, or if you prefer, we will refund your conference registration fee subject to the following deadlines. Requests for cancellations or transfers received on or before September 8 will receive a full refund or transfer less \$40. Requests received between September 9 and September 21 will incur a \$100 processing fee. No requests for refunds or transfers will be accepted after September 21.

38th National Energy and Environmental Training and Education Conference

SEPTEMBER 25-28, 2011
SUNDAY EVENING, SEPTEMBER 25 – RECEPTION
TROPICANA HOTEL* • 3801 LAS VEGAS BOULEVARD • LAS VEGAS, NV 89109

Sponsored by the ASQ Energy and Environmental Division

PLEASE PRINT CLEARLY. ASQ member number _____

Last name _____ First name _____

First name for badge _____ Spouse/guest name _____

Company _____ Job title _____

Address _____

_____ Street _____
City State/Province Zip/Postal Code Country

Phone _____ Email _____

Conference Registration Fee: \$ _____

Includes the Sunday night reception, attendance at all sessions, lunch on Monday and Tuesday, continental breakfasts, and refreshment breaks.

Workshop Registration Fee: \$ _____

Includes three days of classes, the certification exam, and continental breakfasts and lunches.

Daily Fee: \$ _____

Includes one-day admission, exhibits, and lunch.

Spouse/Guest Fee (\$60) \$ _____

Includes Sunday night reception and continental breakfasts Monday, Tuesday, and Wednesday only.

TOTAL: \$ _____

Payment Information

Registration must be accompanied by payment in full (U.S. currency) for all desired activities. All fax and phone registrations MUST include credit card information (MC/VISA/AMEX only). Do not follow up a phone or fax registration with a mail-in registration.

Special Needs

If you have special needs or dietary restrictions, please call Meetings and Events Management at **866-220-9757** or fax to **281-812-4426**.

Check enclosed/Check # _____ (Make payable to ASQ-EED)

Please charge my credit card MC VISA AMEX

Credit card number _____

Expiration date _____

Name of cardholder _____

Credit card billing address _____

Signature _____

Fax or mail completed registration form to:

Meetings and Events Management
20003 Bunker Bend Court
Humble, TX 77346
Fax: 281-812-4426

*For information on the hotel and area attractions, or for driving directions, visit the hotel's website at <http://www.troplv.com>. For reservations, call the hotel directly at 1-800-462-8767 and be sure to mention the ASQ National Energy and Environmental Training and Education Conference. A special conference rate of \$79 plus tax per night is available until September 2, 2011. Room rate for Friday and Saturday is \$119. Government per diem is available to eligible attendees.

Register online at www.asq.org/ee.



600 N. Plankinton Ave.
Milwaukee, WI 53203-2914

The Global Voice of Quality™



38th National Energy and Environmental Training and Education Conference

Sponsored by the ASQ Energy and Environmental Division

September 25-28, 2011
Tropicana Hotel
Las Vegas, NV

ASQ members are building the future of quality. Show your commitment to quality and give yourself a strong competitive advantage. Join today at www.asq.org/membership and help raise the voice of quality.

Visit www.asq.org/ee.



38th National Energy and Environmental Training and Education Conference

Implementing Effective Energy, Environmental, Renewable, and Sustainable Quality Program Tools

Sponsored by the ASQ Energy and Environmental Division



The Global Voice of Quality™

38th Annual Energy and Environmental Training and Education Conference Program

“Implementing Effective Energy, Environmental, Renewable and Sustainable Quality Program Tools”

Sponsored by the ASQ Energy and Environmental Division

Location: Tropicana Hotel, Las Vegas, NV

Dates: September 25-28, 2010 Sunday Evening, September 25 - Reception

MONDAY, SEPTEMBER 26

8:00 a.m. – Kickoff

Conference Chair – Keith Aleckson

Division Chair – Ben Marguglio

8:15 a.m.

Keynote Speaker – James Rooney, Incoming Chair of ASQ

Mr. Rooney, the incoming Chair for ASQ, is the Director of Quality and Lean Six Sigma Services at ABS Consulting (formerly JBF Associates). He has more than 30 years of experience in lean Six Sigma, reliability engineering, risk assessment, process safety management, and total quality management. Mr. Rooney is an ASQ Fellow and a member of the editorial review board of ASQ's *Quality Progress* magazine.

9:30 a.m. – Break (in the Exhibit area)

10:00 a.m. – Concurrent Sessions

M11A TOPIC – “INTRODUCTION TO THE AMERICAN PETROLEUM INSTITUTE (API)”

Attendees will be provided an introduction to the API, a trade organization that represents more than 400 corporate members from all aspects of the petroleum industry. The API provides a broad range of programs from advocacy, research and statistics, standards, and certifications.

Speaker – Aaron Duke (API Training & Certifications Programs)

M11B TOPIC – “ASME INITIATIVE FOR STANDARDIZED QC INSPECTOR QUALIFICATION/CERTIFICATION”

Attendees will learn about the ASME plan to develop a certification program for Nuclear QC inspection personnel. The NRC has issued a grant to support the effort. Speaker Mike Turnbow has over 25 years of experience in the nuclear industry including fabrication, construction, and operations.

Speaker – Mike Turnbow (Tennessee Valley Authority)

M12A TOPIC – “EXTENDED PRODUCER RESPONSIBILITY, INC. – ISO AND OTHER INTERNATIONAL STANDARDS THAT SUPPORT SUSTAINABILITY”

Speaker – Eric Madsen

M12B TOPIC – “HOW TO INTEGRATE SYSTEMS FOR SUSTAINABLE BUSINESS SUCCESS”

Speaker – Rawle Cameron (LRQA)

M13A TOPIC – “LEADERSHIP PARTICIPATION IN THE QMS IMPLEMENTATION”

Parsons is an engineering and construction firm (with revenues of \$2.9 billion in 2009) that provides a variety of products and services to the government. This presentation will demonstrate the importance of business planning at a project level, describe the evolution of the Parsons QMS since initial company-wide ISO 9001 certification in 2007, and highlight the recent initiatives focusing on improved business planning, comprehensive client feedback, and enhanced management involvement.

Speaker – Subhash Damle (Parsons)

M13B TOPIC – “OPTIMIZING AUDITING EXCELLENCE: CUSTOMER FOCUS AND INTEGRATING AUDITING STRATEGY”

Speaker – Bob Sommerdorf (TUV SUD America, Inc-Peabody, MA)

11:30 a.m.

Lunch Speaker: Eric Knox (URS) – “Yucca Mountain 2011 and the Status of the Nuclear Repository Program”

1:00 p.m. – Concurrent Sessions

M21A TOPIC – “COMMERCIAL-GRADE DEDICATION IN A CLASSIFIED ENVIRONMENT”

The National Enrichment Facility located in Eunice, NM recently received NRC approval to start enrichment operations. This presentation will discuss the challenges of performing commercial-grade dedication in a classified environment.

Speaker – Piet van der Heide (Enrichment Technology, US)

M21B TOPIC – “COMMERCIAL-GRADE DEDICATION OF COMPUTER SOFTWARE”

The U.S. Nuclear Regulatory Commission (NRC) has expressed the need for clarified regulations and guidance regarding requirements under Title 10 of the Code of Federal Regulations Part 21 (10CFR21), “Reporting of Defects and Noncompliance.” These regulations include requirements for commercial-grade item dedication and for reporting defects and noncompliance. The regulatory changes could affect a nuclear plant's ability to obtain and accept items needed to support operation and maintenance of safety-related equipment in a timely manner, including design and analysis software for use in safety-related applications.

Speaker – Marc Tannenbaum (EPRI)

M22A TOPIC – “IMPLEMENTATION OF AN INTEGRATED MANAGEMENT SYSTEM AND R2/RIOS WITHIN THE ELECTRONIC RECYCLING INDUSTRY OF AN SME”

Attendees will experience the obstacles concerning the integration of ISO 14001, 9001, 18001, and R2/RIOS for a SME and how to incorporate them into an efficient and cost-effective system. They will also be given insights in how to lay the foundation to succeed in this effort with multi-site facilities, how to deal with employee engagement and commitments from management, and how to review the process of creating an Integrated Management System Map.

Speaker – Ronald V. Lepore (Ecycle Solutions Inc.)

M22B TOPIC – “HOW TO INTEGRATE SYSTEMS FOR SUSTAINABLE BUSINESS SUCCESS”

Speaker – Mary McDonald (Consultant)

M23A TOPIC – “ISO 19011:2012 – THE NEW STANDARD FOR AUDITING MANAGEMENT SYSTEMS”

In late 2007, the International Organization for Standardization (ISO) determined that ISO 19011:2002, *Guidelines for Quality and/or Environmental Management Systems Auditing*, should be revised and have its scope expanded to encompass additional management systems. The expanded scope would include occupational safety and health, food safety, information systems security, ships and maritime systems, and others as applicable. Accordingly, ISO formed a working group of experts in the spring of 2008 to undertake this revision process. The revision process is nearing completion, and final approval and publication of the revised standard is expected in early summer 2011. This presentation will summarize the results of the working group, and U.S. concerns and their resolution during the revision process.

Speaker – Gary Johnson (U.S. TAG to ISO/TC 207)

M23B TOPIC – “IMPLEMENTATION OF A COMPREHENSIVE ISO 9001-2008 QMS FOR A COMPLEX, GEOGRAPHICALLY DISPERSED PROGRAM”

Speaker – Tom Kartachak (Parsons)

2:30 p.m. – Break (in the Exhibit area)

3:00 p.m. – Concurrent Sessions

M31A TOPIC – “TBD”

Speakers – TBD

M31B TOPIC – “NUCLEAR INDUSTRY INITIATIVE TO ACCEPT 17025 CERT. FOR DOMESTIC AND INTERNATIONAL CALIBRATION SUPPLIERS AND TEST LABS”

Speaker – Mark Harvey (NEI)

M32A TOPIC – “SUSTAINABILITY: HOW TO IMPLEMENT SUSTAINABILITY ON QUALITY PROGRAMS”

Speaker – Dr. Joe Jacobsen, Associate Dean (Milwaukee Area Technical College)

M32B TOPIC – “HOW THE DOECAP PROGRAM MAINTAINS SUSTAINABLE ANALYTICAL LABORATORY QA PLANS AND PROCEDURES”

Speaker – Joe Pardue (Pro2Serve)

M33 TOPIC – “HOW TO ANALYZE THE DESIGN OF A PROCESS”

This presentation will describe a method by which to assess each task in a process for the existence of any of the eight wastes and any hazards – e.g., quality, safety, environmental, and other types of hazards – and address the nonvalue-added wastes and hazards.

Speaker – Ben Marguglio (BW (Ben) Marguglio LLC & Bookinars, Inc.)

4:30 p.m. – Committee meetings

WOMEN IN QUALITY DISCUSSION GROUP

TUESDAY, SEPTEMBER 27

8:00 a.m.

Keynote Speaker – Richard Rasmussen (Nuclear Regulatory Commission)

TOPIC – “NRC PERSPECTIVE OF FUKUSHIMA ACCIDENT”

9:30 a.m. – Break (in the Exhibit area)

10:00 a.m. – Concurrent Sessions

T11A TOPIC – “ISO 50001 ENERGY MANAGEMENT SYSTEM”

Speaker – Eric Bagenski (AQS Management Systems Inc.)

T11B TOPIC – “NUCLEAR SUPPLY CHAIN MANAGEMENT”

The nuclear industry is rapidly approaching the beginning of a new era in nuclear construction that will require significant growth in the number of companies providing nuclear safety-related material, parts, components, and services. The presentation provides insight on the requirements necessary to participate as an ASME supply chain and includes the steps required to be in a position to be accepted or recognized as a material organization or service provider to the ASME system of requirements.

Speaker – TBD (HSB Global Standards)

T12A TOPIC – “PRESENTATION ON THE USEPA RADIATION AND INDOOR ENVIRONMENTS NATIONAL LABORATORY”

The Radiation and Indoor Environments (R&IE) National Laboratory in Las Vegas, NV is one of two national laboratories in EPA's Office of Radiation and Indoor Air. The lab's mission is to protect the public and the environment by minimizing exposure to radiation and indoor air pollution through environmental measurements, applied technologies, and education. The R&IE Laboratory provides scientific and technical support activities for the Agency's radiation, ambient air quality and indoor environments programs to EPA headquarters, regional programs, other federal agencies, private industry, and tribal, state, and local governments.

Speaker – Roger Goodman (USEPA Radiation and Indoor Environments National Laboratory (RIENL))

T12B TOPIC – “ENERGY INDUSTRY TOOLS FOR EMERGENCY RESPONSE PREPAREDNESS AND DISASTER RECOVERY”

Speaker – Paul Behling (Dacco Inc.)

T13A TOPIC – “BUSINESS PROCESS MANAGEMENT – ENTERPRISE-WIDE INTEGRATION”

This presentation provides an overview of the process and implementation of Business Process Management (BPM) across all of Black & Veatch's Energy Profit and Loss Centers. Traditionally, BPM has been utilized as a tool to identify processes and their owners during complex information technology tools development and implementation. Black & Veatch has taken this approach across all departments and disciplines to streamline procedures, ensure each procedure has identified ownership, and make certain that meaningful metrics for those processes are developed, posted, and continuously maintained to ensure the health of the execution systems.

Speaker – David Cole (Black & Veatch)

T13B TOPIC – “LEVERAGING QUALITY MANAGEMENT SYSTEMS FOR PRODUCT ENVIRONMENTAL COMPLIANCE MANAGEMENT”

Companies up and down today's supply chains are confronted with a proliferation of diverse regulatory, customer, and stakeholder requirements related to environmental protection. Requirements address substances contained in finished products, chemicals used in manufacture, performance during use, end-of-life disposal considerations, and other aspects. Attendees will learn how to adapt product development processes to consider environmental compliance requirements and ensure product conformance, utilize component and supplier quality engineering services to manage supplier compliance, leverage change management processes to ensure compliance of current products with new environmental requirements, and integrate environmental aspects into a quality audit program.

Speaker – Scott Canonico (Advanced Energy)

11:30 a.m. – Lunch

11:30 a.m. until end of day

USEPA RIENL Radiation Mobile Lab will be exhibited in hotel parking lot.

DIVISION BUSINESS MEETING

1:00 p.m. – Concurrent Sessions

T21A TOPIC – “SMALL MODULAR REACTORS”

Speaker – Han Kwon Choi (URS)

T21B TOPIC – “CORRECTIVE ACTION PROGRAM FOR NUCLEAR NEW BUILD PROJECTS”

Speaker – Tom Mudge (URS)

T22A TOPIC – “WIRELESS ENERGY SUB-METERING TOOL TO REDUCE ENERGY COSTS”

This presentation will focus on monitoring energy usage with a wireless energy sub-meter solution. Wi-LEM is a wireless energy monitoring solution for sub-metering electrical loads and branch circuits in existing and new buildings. Since it is a “wireless” product solution, it is ideal for installation into existing buildings and facilities. Once the energy usage is determined, modifications and improvements can be achieved with resulting reductions in energy costs. LEM is a global market leader in providing innovative and high-quality solutions for measuring electrical parameters.

Speaker – Del J. Kotowski (LEM USA)

T22B TOPIC – “HOW TO IMPLEMENT SUSTAINABILITY IN DESIGN MANUFACTURING”

Speaker – Dr. Chris Yingchun Yuan

T23A TOPIC – “FROM CHAOS TO COHESION – A QUALITY SYSTEM TRANSFORMATION”

Speaker – Jeffrey Leavitt

T23B TOPIC – “OIL & GAS – PRESENTATION”

Speaker – TBD ((TBD))

2:30 p.m. – Break (in the Exhibit area)

3:00 p.m. – Concurrent Sessions

T31A TOPIC – “TRENDS IN NUCLEAR QA/OVERSIGHT”

Speaker – John H. Johnson (JETS)

T31B TOPIC – “FLOW OF REQUIREMENTS AND PRODUCT TRACEABILITY IN A MULTI-TIER NUCLEAR SUPPLY CHAIN”

Speaker – John McGlenn (EMNS, Inc.)

T32A TOPIC – “ENVIRONMENTAL TOPIC”

Speaker – Jeff Worthington/George Brillis (USEPA)

T32B TOPIC – “TBD”

Speaker – TBD (TBD)

T33A TOPIC – “ISO 50001: THE NEW ENERGY PARADIGM – QUALITY MANAGEMENT DRIVES ENERGY PERFORMANCE”

This presentation will be specifically about energy management and the business ramifications behind the ISO 50001 Standard. The presentation will also provide a practitioner's guide to implementing the ISO 50001 Standard developed by UL DQS.

Speaker – Don Macdonald (UL DQS, Inc.)

T33B TOPIC – “OIL & GAS – PRESENTATION”

Speaker – TBD ((TBD))

4:30 p.m. – Committee Meetings

WEDNESDAY, SEPTEMBER 28TH

8:00 a.m. – Session

W11 TOPIC - “UPDATES ON JAPANESE NUCLEAR PLAN”

Speaker – Steve Kraft (NEI)

9:30 a.m. – Session

W21 PANEL DISCUSSION – “LESSONS LEARNED FROM EMERGENCY RESPONSE TO FUKUSHIMA INCIDENT”

Panelists – TBD (TBD)

11:00 a.m. – Conference Wrap-up – Tom Koepp

11:30 a.m. – Conference Adjourns

HALF-DAY WORKSHOP (WEDNESDAY) – “SUPPLIER PERFORMANCE & IMPROVEMENT”

This one-day seminar will provide strategies and tactics including tools (software templates) on how to:

- Establish Supplier Rating Systems based on key performance attributes. This includes developing Supplier Benchmarking Systems and how to use it for SWOT Analysis.
- Evaluate and award significant contracts to new suppliers based on perceived capability and pricing.
- Evaluate and award recurring orders to existing suppliers based on past performance (best predictor for future performance) and pricing.
- Implement an effective Supplier Correction Action Request (SCAR) system.
- Share the Costs of Poor Quality (COPQ) with the responsible suppliers and (when warranted) with internal suppliers/departments (i.e., Engineering and Purchasing).
- Collaborate with the key stakeholders (internal and external) to identify and pursue opportunities for improvement.

Speaker – Mark Lindsey (ASQ0701 Education Committee Member)

THREE-DAY CERTIFICATION COURSE (WEDNESDAY – FRIDAY) – “LEAD AUDITOR CERTIFICATION IN NQA-1 & ANSI N45.2.23 REQUIREMENTS” (INCLUDES CERTIFICATION EXAM)

This program provides attendees with the tools needed to manage the planning, performance, and reporting of performance-based audits in nuclear facilities and meet requirements for Lead Auditor training in NQA-1 and ANSI N45.2.23/N45.2.12. Basic/Lead Auditor Training is fast-paced, providing the knowledge and skills needed to successfully fulfill the duties and objectives of lead auditor or assessment leader, consistent with NQA-1, ANSI N45.2.12, and ANSI N45.2.23 requirements. This course uses state-of-the-art approaches to auditing and training. Using *J-E-T-S POUR*™ process for managing audits, this program includes workshops, discussion, and examples, covering the following topics:

- Audit/Assessment Requirements, Fundamentals, and Methods
- Audit Planning (P-Plan)
- Audit Performance (O-Observe)
- Audit Analysis and Evaluation (U-Understand)
- Reports (R-Report)

Speaker – John Johnson (J-E-T-S)