Quality Times

Section 1309 *April 2011*

Northern Colorado Section
The Global Voice of Quality™

Website: www.asq1309.com
Email: info@asq1309.com

April Monthly Meeting

Section 1309 Monthly Meeting & CPEx Joint Meeting! Double recertification points!
Date: Wednesday, April 20, 2011
Time: 5:45—7:45 pm

Where: Jefferson County Public Library - Arvada, 7525 West 57th Avenue, Arvada, Colorado 80002 (303) 235-5275 Customized Map to Location: http://jefferson.lib.co.us/locations/ar.html

Please RSVP by Tuesday, April 19, 2011 to: via email to Arta Doci at artadoci@gmail.com or call Denver ASQ at 303 571-9306

Topic: Quality in a Regulated Environment

Speaker: Tom Reimann, Quality and Regulatory Affairs Director, Medtronic

Topic: Cost of Poor Quality (COPQ)

Speaker: Dr. Terra Stern, Chair of ASQ Denver, PMP, Six Sigma Master Black Belt

Contents *Page*

Monthly Meeting 1
Certification Exam Schedule 2
Section 1309 News 3
Job Openings—Local 4
2011 ASQ Boulder Section 1313 Course Offerings 9
Board Openings and Board Members 10

Sponsor's Box

Section 1309 is looking for sponsors for this newsletter. Please contact any the newsletter editor (michael_tapia@yahoo.com) if you or your company is interested in advertising in this newsletter.

ASQ Certification Local Exam Schedule

Exam Date	Application Deadline	Certification Exam
June 4, 2011	Apr 15, 2011	CCT, CPGP, CQA, CQE, CQIA, CQPA, CSQE, SSGB
Oct 1, 2011	Aug 12, 2011	CBA, CHA, CMQ/OE, CQI, CQT, CRE, SSBB
Dec 3, 2011	Oct 14, 2011	CCT, CPGP, CQA, CQE, CQIA, CQPA, CSQE, SSGB

For more details or to register please visit: http://www.asq.org/certification/

Section 1309 News

Speakers Needed for ASQ Section 1309 Monthly Meetings

Section 1309 officers needs speakers for 2010-2011. If interested in presenting or know someone that may be interested please contact Mike Adamson, Section 1309 Program Chair.

Mike can be contacted via email (mike.adamson@hp.com).

Job Openings—Local

Intern Undergraduate- Performance Management & Analysis

Requisition Number: 1945BR
Location: Golden, CO

Job/Research Summary

A student internship is available in the Performance Management & Analysis Team (PM&A) at the National Renewable Energy Laboratory (NREL) in Golden, Colorado. NREL is the nation's primary laboratory for research, development and deployment of renewable energy and energy efficiency technologies. The position would be temporary full time during the summer internship.

Job Duties

The purpose of this summer internship is to provide meaningful professional data analysis and process improvement experience to students with proven academic performance and a strong desire to learn and contribute. The PM&A Team provides data collection; analysis and dashboard display of critical laboratory operational metrics. The PM&A Team also leads and mentors process improvements in the laboratory using industry standard tools and methods. The intern will assist a dedicated staff to help accomplish critical tasks related to these important missions.

This position will work under close supervision and guidance to perform basic day-to-day support functions. Contacts are typically within the Center /Office and occasionally with external contacts. Contacts involve obtaining or providing information or data requiring some explanation or interpretation.

This position will perform clearly defined, short-duration tasks and activities in support of the PM&A Team goals and objectives including:

- Participate in data collection and analysis activities to include some basic statistical analysis.
- Meet with Center / Office Director level and below to interpret data and teach the analysis mechanics.
- Create KPIs and more detailed graphs and charts which describe the data in a meaningful way to the identified audience.
- Participate in process analysis and development activities to include recording process flows and associated measurements.
- Participate in process improvement activities to potentially include problem identification and definition, root cause analysis, solution identification, implementation and measurement.
- Create standard reports, documentation, and records of simple nature.
- Present / co-present specific expertise in process or data analysis to cross functional audiences consisting of 15 – 50 individuals.
- Assist in developing recommendations for improving operations.
- Provide a summary presentation at the conclusion of the internship regarding the internship experience.
- Perform other duties as assigned.

Required Education and Experience

- Must be enrolled as a full-time student.
- Undergraduate students enrolled in a minimum of twelve credit hours.

Job Openings—Local (cont'd)

- Graduate students enrolled in a minimum of nine credit hours.
- Minimum of a 3.0 grade point average in the last completed semester.
- Must be a United States citizen or permanent resident.

Additional Required Knowledge, Skills and Attributes

- Intermediate skills in data analysis, statistical modeling and technical skills (programming, scripting, and statistical package skills – MiniTab, SAS, etc.).
- Basic task and time management skills.
- Proficient in written/verbal communications.
- Very good team collaboration and interpersonal skills with an incredible zeal to learn new skills.
- Ability to perform duties with minimal supervision.
- Familiarity with Microsoft Office (including Visio) , Microsoft Outlook, Microsoft SharePoint.

Preferred Qualifications

Completion of three years or more in an accredited university in a business administration, statistics, applied mathematics, information technology or related degree program (such as industrial engineering, systems engineering, business management, operations research, or management science).

For more information see: http://www.nrel.gov/employment/job_openings.html

Job Openings—Local (cont'd)

Executive Director – Environment, Health, Safety, Security and Quality

Requisition Number: 1981BR
Location: Golden, CO

Job Summary

The National Renewable Energy Laboratory (NREL) located at the foothills of the Rocky Mountains in Golden, Colorado is the nation's primary laboratory for research, development and deployment of renewable energy and energy efficiency technologies. NREL has an opening for the position of Executive Director – Environment, Health, Safety, Security and Quality.

The successful candidate will be a strong strategic thinker with demonstrated success in leading the environmental, health, safety security and quality functions for a high tech, utility, research and development, or manufacturing organization.

Full relocation package will be provided.

Job Duties/Role Description

- Works proactively with management and staff across the Lab to foster continuous improvement and shape behavior in safety and environmental protection before incidents occur.
- Serves as corporate resource in providing technical assistance, coordination, and integration in the resolution of safety and environmental issues.
- Provides high-quality, customer-focused assistance that enables improved program and field implementation of safety and environmental protection.
- Identifies Lab-wide safety and environmental protection assistance needs and opportunities. Leads efforts to identify assistance needs, prioritize assistance activities, and resolve issues through direct interface with customers and stakeholders.
- Serves as the Lab's resource for interpretation and guidance on existing and emerging external environmental regulations on hazardous waste management and site cleanup (RCRA; CERCLA), pollution prevention and electronics stewardship, toxic chemical inventory reporting, cultural and natural resource protection (air, water, and biota), as well as hazardous substance release response.
- Assists in the development and delivery of compliance training and risk assessment tools to support Lab operations, cleanup, and long-term stewardship.
- Manages activities to develop, promulgate, and maintain worker safety and health policy.
- Maintains liaison with regulatory agencies with respect to worker safety and health matters.
- Provides management oversight and direction NREL security operations, including physical protection, and operational security.
- Directs Lab-wide emergency response activities associated with operational emergencies and emergency assistance situations.
- Directs investigations of alleged or suspected acts against NREL facilities impacting national security, personnel security, compromise of classified or sensitive information, as well as violations of applicable laws.
- Provides technical support to NREL in understanding how to implement internal and external QA requirements.
- Identifies Lab-wide quality assurance assistance needs and opportunities.

Job Openings—Local (cont'd)

- Prioritizes assistance activities and resolves issues through direct interface with customers and stakeholders.

Required Education and Experience

Previous management and budget administration experience required. Program strategy, development and implementation experience required. Degree in appropriate field may be required.

Required Knowledge, Skills and Attributes

Extensive knowledge of the renewable energy industry, as appropriate, as well as regulations, principles, procedures and practices of relevant discipline(s). Solves variety of multi-dimensional problems in absence of guidelines or precedents.

Models and embeds NREL values. Keeps abreast of key issues affecting respective Center/Office industry discipline(s). Builds effective teams; creates strong morale and spirit; shares wins and successes. Demonstrated ability to effectively lead and direct personnel with diverse skills, work styles and values, both directly and through subordinate management.

Additional Required Knowledge, Skills and Attributes

The successful candidate will have a background that includes a minimum of 15 years of relevant work experience as evidenced by the following:

- Critical:
  - Established record working with all levels of an organization, including senior leadership.
  - Demonstrated ability to apply a broad knowledge and understanding of the following disciplines:
    - Environmental
    - Health
    - Safety
    - Security
    - Quality
  - Demonstrated ability to apply seasoned business judgment to related issues and advise on appropriate solutions.
  - Proven leadership with strong problem-solving aptitude and ability to plan and meet fiscal objectives.
  - Demonstrated thorough understanding of Laboratory management, financial planning and interdisciplinary laboratory applications.
  - Successful track record involving business and organizational planning, coordination and execution.
  - Demonstrated leadership, organizational and planning skills to accomplish task assignments within stringent deadlines and often with limited lead time.
  - The successful candidate will be subject to a U.S. government security investigation and must meet eligibility requirements for access to classified information. In order to meet the government security investigation requirements, U.S. citizenship is a prerequisite.
- Travel Requirements:
  - Extensive travel will be required based on business need.
- Personal Attributes
  - Strong leadership skills.
  - Strategic thinker.
  - Strong business and financial acumen.
  - Strong sense of integrity and trust and the ability to respond with flexibility and adaptability in re-

Job Openings—Local (cont'd)

sponse to business demands.
  - Demonstrated capability to analyze, synthesize, and integrate information to effectively identify and solve problems.
  - Demonstrated ability to identify and work under firm deadlines and multiple ongoing tasks.
  - Demonstrated ability to identity and pursue opportunities, takes prudent risks and assume responsibility in the face of uncertainty or challenges.
  - Strong attention to quality.
  - Creativity.
  - Interpersonally savvy.
  - Demonstrated managerial courage.
- Education:
  - Bachelors degree at minimum plus a minimum 15 years related experience and/or training is required.
  - Masters degree or equivalent preferred.

For more information see: http://www.nrel.gov/employment/job_openings.html

Spring 2011 ASQ Boulder Section 1313 Course Offerings

Course name	Course Fee[1]	Class Dates	Class Registration Deadline
1301 - Certified Quality Engineer (CQE) Review	Member $400.00 Non-Member $450.00	Sat May 7, 14, 21 2011 1:00pm to 9:30pm (24 Hours) half hour dinner break from 5:00PM to 5:30PM	Apr 30, 2011
1323 – ASQ Exam BoK: Statistical Principles, Techniques and Applications	Contact ASQ Section 1313	TBD	TBD
1324 – ASQ CQE Book of Knowledge (Bok) Review	Contact ASQ Section 1313	TBD	TBD

[1]ASQ or other professional society member/non-member fee. Cost of primers, texts, workbooks, etc. are in addition to course fee.

A list of instructor biographies, course descriptions, and registration information can be found on the ASQ Boulder Section web site, http://www.asq1313.org/. Select the link for course offerings to obtain the registration form. If enough Northern Colorado section members sign-up for a class, the Boulder section is willing to consider a location in the Fort Collins area. If a class you need is not listed above, please contact the Boulder education chair John Beachman at john.beachman@covidien.com.

GUARANTEE: If you pay for and take one of Boulder's ASQ Certification review courses and still fail the Certification Exam, you may retake the course for free as many times as you need. The instructor reserves the right to charge for course materials (e.g., handouts, etc.).

Welcome from your Newsletter Editor

Dear ASQ Section 1309 Member,

This is the sixth newsletter for the 2010/2011 membership year. As always, please send your comments to me at michael_tapia@yahoo.com.

Michael Tapia

Open Positions:

Volunteers earn 1.5 RCU per committee per year!

- Auditing/Certification
- Nominations

Newsletter or Website Submissions

Please contact info@asq1309.com for newsletter or website submissions. Acceptable submissions received before the 20th of each month will be included in the following month's newsletter or website. Examples of submissions are:

- Job Postings
- ASQ Member Resumes
- Ads (there is a fee for advertisements)
- Conference Information
- Informative Articles
- News

Remember to go to www.asq.org for ASQ news, events, courses, job searches, and updates to your profile.

ASQ Northern Colorado
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