

### JUNE CHAIR MESSAGE

The ASQ has established four strategic initiatives. What are these initiatives? Where does section 1313 fit into the strategy? How can we make a difference?

1) Continuing the communication the Boulder Section of ASQ Commitment to Excellence is a focus for 2012 and beyond.

2) Commitment to Excellence is a commitment to apply the Malcolm Baldrige principles to management of ASQ operations. This will most strikingly impact the Section through the development of and execution to a business plan. What does our The standard business plan profile segments goals into six different areas: Impact, Membership, Loyalty, Means, Process and People.

3) Global ASQ Presence considers Impact as increasing our presence through the "Global Transformation" initiative (brand image) and through social responsibility. Social responsibility is defined as "actively contributing to the welfare of society."

4) Membership is all about growth of the organization. To whom we interface, the number of members engaged in activities and new membership. Improving member retention has been a major issue in ASQ over the last fifteen years. Membership in ASQ peaked in 1996 – 1998, and has steadily declined since. Retention of members in their first five years of membership is most critical. Loyalty looks to retention to address this issue.

5) Growing the Means of the organization is to increase the professional certifications and use of ASQ training opportunities. Pursuing these activities should also drive new membership and retention.

6) Process is all about performance. That is using technology to enable information sharing. Look for this through the new web site and other communication vehicles.

Where is our section without People? Section participation is driven by satisfaction. How can we get more engagement? How can we improve participation? How can we increase membership satisfaction? Please feel free to inquire, or get involved in making the Section 1313 a world of difference in our area.

Mark Soderberg  
Your Section 1313 Chair Person

### **ASQ'S Customer and Member Center:**

**E-MAIL:** [help@asq.org](mailto:help@asq.org)

**PHONE:** 800-248-1946

**FAX:** 414-272-1734

**USPS** ASQ Communications

**MAIL:** 600 N. Plankinton Ave.

P.O. Box 3005

Milwaukee, WI 53201-3005

We suggest that you go to the ASQ National web- site at: [www.asq.org](http://www.asq.org) for complete ASQ national news, regional event links, books, courses, yearly certification testing, recertifications, conferences, ASQ Divisions and on-line membership forms, including member upgrades and what is needed to update your own member profile. And, while you are on the internet, be sure to visit **ASQ Boulder Section website** at: [www.asq1313.org](http://www.asq1313.org)

### **ASQ National News**

*Learn about the newest American National Standard from ASQ*

### **ASQ/ANSI/ISO 19011:2011 - Guidelines for auditing management systems**

An American National Standard (ANS) is an equivalent of an international standard that has been adopted within the United States. Although an ANS version may make no changes to an accepted international standard, there may be advantages to selecting the ANS. The newest ANS available from ASQ is [ASQ/ANSI/ISO 19011:2011 - Guidelines for auditing management systems](http://www.asq.org/ansi/iso19011:2011).

### *Key facts at a glance:*

- An identical adoption of the international standard -- when you order [ASQ/ANS/ISO 19011:2011](http://www.asq.org/ansi/iso19011:2011), you are getting ISO 19011:2011
- Available from ASQ April 20, 2012
- Choose the print format or an [e-version](#)
- Discounted pricing for ASQ members

More on this article, continued on page 4

## ASQ #1313 Officers & Committee Chairs 2012

ASQ Section 1313 Boulder, CO	
<b>Title: Chair</b> Name: Mark Soderberg Phone: 303-905-8757 <a href="mailto:markosoderberg@hotmail.com">markosoderberg@hotmail.com</a>	<b>Title: Vice Chair</b> Name: Rebecca Jessep Phone: 303-587-7067 <a href="mailto:rebeccajessep@hotmail.com">rebeccajessep@hotmail.com</a>
<b>Title: Secretary</b> Name: Joe Wojniak Phone: 303-530-658 <a href="mailto:Joe.wojniak@gmail.com">Joe.wojniak@gmail.com</a>	<b>Title: Treasurer</b> Name: John Beachman Phone: 720-313-2746 <a href="mailto:john.beachman@covidien.com">john.beachman@covidien.com</a>
<b>Title: Re-Cert</b> Name: Gerry Naugle Phone: 303-591-2830 <a href="mailto:gnaugle@earthlink.net">gnaugle@earthlink.net</a>	<b>Title: Internet &amp; Website</b> Name: Arnold Miller Phone: 303-466-2631 <a href="mailto:arn_miller@earthlink.net">arn_miller@earthlink.net</a>
<b>Title: Publicity and VOC</b> Name: Byron Murray <a href="mailto:byron.murray@yahoo.com">byron.murray@yahoo.com</a>	<b>Title: SMP</b> Name: Mike Ferraro Phone: 720-684-2035 <a href="mailto:michael.a.ferraro@seagate.com">michael.a.ferraro@seagate.com</a>
<b>Title: Financial Auditing</b> Name: Ewald Schelert Phone: 303-702-9009 <a href="mailto:schelert@mesanetworks.net">schelert@mesanetworks.net</a>	<b>Title: Education Chair</b> Name: John Beachman Phone: 720-313-2746 <a href="mailto:john.beachman@covidien.com">john.beachman@covidien.com</a>
<b>Title: Newsletter Co-Editor</b> Name: Gerry Naugle Phone: 303-591-2830 <a href="mailto:gnaugle@earthlink.net">gnaugle@earthlink.net</a>	<b>Title: Newsletter Co-Editor</b> Name: Bill Dunford Phone: 720-340-0454 <a href="mailto:billdunford@hotmail.com">billdunford@hotmail.com</a>
<b>Title: Certification</b> Name: Nixion Mead Phone: 720-320-6395 <a href="mailto:nixionmead@q.com">nixionmead@q.com</a>	<b>Title: Program</b> Name: Rebecca Jessep Phone: 303-587-7067 <a href="mailto:rebeccajessep@hotmail.com">rebeccajessep@hotmail.com</a>

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### Online Content Exclusively for Members:

#### April Member Gift

Celebrate the 25th anniversary of ISO 9000 with this exclusive bundle of resources. This bundle includes:

- Introduction to the ISO 9000 Standards Webcast
- Example Quality Manual
- New ASQ Ask the Experts Blog
- Bonus: ISO 9001:2008 Explained Webinar

Download your gift today!



## Lean Six Sigma Experts

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- Lean Six Sigma Master Black Belt

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[www.LeanSixSigmaExperts.com](http://www.LeanSixSigmaExperts.com)  
 1-800-961-9479

## Upcoming ASQ #1313 Meeting Presenters

### In September

5:30 PM Networking and hors d'oeuvres      ~6:00 PM Main Talk

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**RMPEX** For info on the Rocky Mountain Performance Excellence Program (also the Colorado State quality and business performance program), visit this link: [www.coloradoexcellence.org](http://www.coloradoexcellence.org)

Please see page 13 of this newsletter for the most recent information on upcoming RMPEX activities and events. **The Boulder ASQ Section is an active sponsor of the RMPEX Organization, see page 14.**

continued from page 1

## ASQ National –and- Boulder Section News

**More About ISO 19011** If your organization conducts internal or external audits of management systems, or if you manage an audit program, then ISO 19011 and the ANS version apply to you. This standard provides guidance on auditing management systems, with details on the following topics:

- Principles of auditing
- Managing an audit program
- Conducting management system audits

You'll also find guidance on evaluating the competence of individuals involved in the audit process, including the person managing the audit program, auditors, and audit teams.

**What Makes the American National Standard Unique?** **ASQ members are eligible to receive a member discount on the ANS version of ISO 19011.** The pricing of the ISO 19011 international standard is fixed at \$163.00. However, ASQ members receive special member pricing when purchasing the ANS. The content of ISO 19011:2011 remains intact in the ANS version, which is considered to be an identical adoption. The only change you will find in the ANS is the addition of a Foreword that includes discussion of the U.S. position on ISO 19011:2011.

### **ASQ, ISO 19011, and You**

ASQ administers a number of Technical Advisory Groups and subcommittees that are responsible for developing the U.S. position on several popular ISO standards. In its standards development work, ASQ is accredited by the American National Standards Institute (ANSI). Project teams are now forming to write three new consensus documents offering supplemental guidance for specific uses of ISO 19011. Team members with experience in the following areas are needed:

- Small business
- Supply chain
- Internal auditing

*Learn more about how you can participate in an ANSI-accredited subcommittee. Contact [standards@asq.org](mailto:standards@asq.org).*

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## DENVER SECTION



Medical device manufacturers are constantly facing the challenges of increased regulatory requirements, new technology and trends, and managing their supply chain. As a valued ASQ member, ASQ offer tools and resources to ensure your organization is prepared to meet these challenges. Register today for one of these upcoming Instructor-led (Web-based) courses:

**Risk Management for Medical Device**

*June 21, 2012*

**Supplier Management for the Medical Device Industry**

*Offering 1: Begins September 4, 2012*

*Offering 2: September 26-27, 2012*

**ISO 13485:2003 Incorporating Key Requirements as a Quality Management System**

*September 5, 2012*



With more than 1 billion meals consumed daily in the United States alone, food hazards can occur at any stage of the food chain. It's imperative that all companies in the food chain implement strict quality and safety controls. ASQ provides training to help you improve your food safety management system. Register for these upcoming Instructor-led (Web-based) courses:

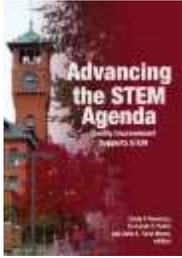
**ISO 22000:2005 Food Safety Management System Requirements**

*August 29, 2012*

Remember, as an ASQ member you can take advantage of member pricing on these courses. You can save up to \$100 on the list price!

For a list of all courses ASQ has to offer, visit [www.asq.org/learninginstitute](http://www.asq.org/learninginstitute).

ASQ Quality Press books can be ordered online, or for special pricing on orders of 10 or more call ASQ Customer Care / Quality Press Bookstore at: 800-248-1946.



**New Book!**

**Quality Improvement Supports STEM**

*Cindy P. Veenstra, Fernando F. Padró, and Julie A. Furst-Bowe*

In July 2011, the ASQ Education Division held its first STEM Agenda Conference. This publication is a selection of the conference papers and workshops from the conference, with the theme Advancing the STEM Agenda in Education, the Workplace, and Society. The book highlights STEM education as a grassroots effort by many educators to ultimately prepare graduates for the 21st century workforce.

**New certification preparation book from ASQ Quality Press**

**The Certified Six Sigma Master Black Belt Handbook**



This book reflects the most current thinking among Six Sigma leaders who came together to create the ASQ Master Black Belt Body of Knowledge (BoK).

The primary audience for this book is the individual who plans to prepare to sit for the Six Sigma Master Black Belt certification examination. The book is great for quick reference and ease of use because the chapter and section numbering exactly mirrors that of the Master Black Belt BoK.

**Best Practice in Team Excellence**

*J.P. Russell, editing director*



This book explains the Team Excellence Framework (TEF) and how to leverage it to ensure the success of your improvement teams. This framework has a long-standing track record of providing the means by which teams can produce highly successful outcomes for their organizations.

**Bestseller!**

**The Certified Quality Engineer Handbook, Third Edition**

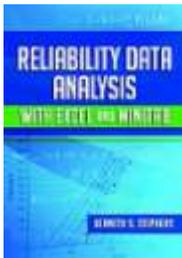
*Connie M. Borrer, editor*



This third edition provides the quality professional with an updated resource that exactly follows ASQ's Certified Quality Engineer (CQE) Body of Knowledge.

**Reliability Data Analysis with Excel and Minitab**

*Kenneth S. Stephens*



When a product has been designed and manufactured, its performance in terms of durability, strength, and life become a matter of test, measurement, and analysis. This book helps you understand the outcomes of the reliability tests and translate that into real-world data that can improve products. Excel and Minitab spreadsheets are included for all sample data sets.

ASQ Quality Press books can be ordered online, or for special pricing on orders of 10 or more call ASQ Customer Care at 800-248-1946.

## Updates to ASQ Recertification Journal

There are changes to the recertification journal categories, including more opportunities for RU credits, and the categories have been better defined to make recertifying easier. The 18 RU credit amount remains the same. The new journal can be downloaded and printed directly from the main ASQ National website at: [www.asq.org](http://www.asq.org) "Certification Link" or by calling the ASQ Customer Care at: **1-800-248-1946** and ask for item **B0525**

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### **Boulder Section – Current ASQ Fellows**

Tripp Martin - Retired  
International Auto Oversight Bureau  
(248) 535-5670  
[trippm1@earthlink.net](mailto:trippm1@earthlink.net)

Edward Arling (new)  
Quality Compliance Associates  
(303) 579-9443  
[edward.arling@gmail.com](mailto:edward.arling@gmail.com)

Elizabeth Keim – ASQ Past President and Board Chair  
Integrated Quality Resources, LLC  
(303) 541-9127  
[liz.keim@comcast.net](mailto:liz.keim@comcast.net)

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### **BOULDER SECTION CORRESPONDENCE ADDRESS**

**ASQ Boulder Section**  
**P.O. Box 21595**  
**Boulder, CO 80308-4595**

Note: All education & course registration materials should be sent to Section Education Chair (please see the last page of the education section for contact information)

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Are you ASQ certified? Getting ASQ certified is a great way to gain credibility and prestige. It allows you to have that extra edge over your colleagues and solidifies your career. Prove you're proficient in your industry and get your [ASQ certification](#). And remember, as an ASQ member you can take advantage of member pricing! Apply for an upcoming certification exam today.

**Upcoming Exam Date: October 6, 2012**  
**Application Deadline: August 17, 2012**

- [Biomedical Auditor](#)
- [HACCP Auditor](#)

- [Manager of Quality/Organizational Excellence](#)
- [Quality Inspector](#)
- [Quality Technician](#)
- [Reliability Engineer](#)
- [Six Sigma Black Belt](#)

### **Training You Need To Prepare For Your Exam**

ASQ provides resources to help you prepare for your ASQ certification exam. Take advantage of ASQ training and books! To register for an upcoming ASQ certification exam and to prepare for your exam,

## **ASQ BOULDER SECTION #1313 COURSE DESCRIPTIONS**

### **1301 – CERTIFIED QUALITY ENGINEER (CQE) REVIEW**

This is a refresher course for those preparing to take the ASQ Certification exam. This course is advanced and intense. The instructor has an excellent text specific to this course, which is provided at no additional cost. It is recommended the student bring a copy of Juran's Quality Handbook, 5th ed., which can be purchased for about \$135 through ASQ but used copies can often be found for much less on the Internet. The students must bring their own calculator. For additional details or questions, contact the course instructor or the Section Education Chair.

### **1305 – CERTIFIED SOFTWARE QUALITY ENGINEER (CSQE) REVIEW**

This is a refresher course to aid in your preparation for taking the ASQ Certification exam. The Certified Software Quality Engineer is a professional who has comprehensive understanding of software quality development and implementation, a thorough understanding of software inspection, testing, verification, and validation, and can implement software development and maintenance processes and methods. The exam requires you have minimum software testing or development experience and you must meet certain minimum requirements. Each student needs to purchase the latest edition of the CSQE Primer published by the Quality Council of Indiana (QCI) prior to the first class (cost is approximately \$70). To order, contact QCI at 1-800-660-4215 or [www.qualitycouncil.com](http://www.qualitycouncil.com). For additional details or questions, contact the course instructor or the Section Education Chair.

### **1322 – ASQ Exam BoK: Quality Concepts, Management and Leadership**

This course covers the Body of Knowledge (BoK) any quality professional should know about quality. This covers the history of quality from philosophies to current day methodology. This course is a must for anyone pursuing ASQ Certification or seeking a professional quality career.

**Cost includes materials fees**

**Prerequisites:** None

**Course Outline:**

- Management and Leadership [Organization Structures; Strategic Planning, Team Processes]
- The Quality System [Quality Philosophies; System Models; Measuring Effectiveness]
- Customer Focus
- Supplier Chain Management
- Product and Process Design
- Product and Process Control
- Continuous Improvement
- Management Tools [The Seven Classic Quality Tools; Basic Management and Planning Tools; Process Improvement Tools; Innovation and Creativity Tools]

### **1323 – ASQ Exam BoK: Statistical Principles, Techniques and Applications**

Learning the principles of statistics in an understandable way as well as practical applications in the workplace. From understanding variation to hypothesis testing to process capability studies -- this course covers it all. The course covers the Body of Knowledge (BoK) required for ASQ Certification Exams.

This is also excellent for any quality professional seeking a core understanding of the quantitative methods used in any improvement strategy such as Six Sigma or Lean covers the history of quality from philosophies to current day methodology. This course is a must for anyone pursuing ASQ Certification or seeking a professional quality career.

**Cost includes materials fees**

**Prerequisites:** Ability to understand basic mathematical expressions would be useful as well as ability to use a hand-held calculator.

**Course Outline:**

- Descriptive Statistics [Measures of Location; Measures of Spread; Shape of Distribution; Normal distribution]
- Concepts of Probability
- Statistical Decision-making [Central Limit Theorem; Test of Hypothesis; Alpha and Beta Risks]
- Statistical Process Control (SPC)
- Analyzing Process Capability
- Design of Experiments (DOE) [Full Factorials; ANOVA Tables; Partial Factorials (Taguchi)]
- Relationship Between Variables
- Reliability Statistics

**1324 – ASQ CQE Book of Knowledge (BoK) Review**

This course is designed to help you properly prepare to take and pass the CQE examination. The objective of the course is to help you put together a study plan. An overview of the Body of Knowledge (BOK) covered by this exam will be given. Detail study of the BOK is the responsibility of the student. Included in this course are effective test taking strategies

**Cost includes materials fees**

**Prerequisites:** None; however, the following ASQ Boulder Section courses would help those needing more detail knowledge:

- 1322 - ASQ Exam BoK: Quality Concepts, Management and Leadership
- 1323 - ASQ Exam BoK: Statistical Principles, Techniques and Applications
- Also there are requirements to be able to take the CQE exam.
- See ASQ website <http://www.asq.org/certification/quality-engineer/>

**Course Outline:**

- How to gather reference material
- How to do a self assessment
- How to develop a study plan
- The Body of Knowledge [Management and Leadership; The Quality System; Product and Process Design; Product and Process Control; Continuous Improvement; Quantitative Methods and Tools]
- What to take to the exam
- Test taking strategies

**INSTRUCTORS & COURSE DESCRIPTIONS:** A list of instructor biographies and course descriptions can be found on the ASQ Boulder Section web site, <http://www.asq1313.org/> **COURSES LOCATIONS:** Contact the ASQ Boulder Education Chair, John Beachman at: [john.beachman@covidien.com](mailto:john.beachman@covidien.com) or 303-530-6346 to see if the class you want can be made available in the Colorado Springs, Denver, Loveland or Ft. Collins area.

**2012 ASQ Boulder Section Course Offerings**

Updated 06-11-2012

Course Name	Instructor	Course Fee (1) (2)	Exam Date	ASQ Exam Application Deadline	Course Dates & Times	Course Registration Deadline
1301 - Certified Quality Engineer (CQE) Review	Monrad Monsen 303-272-9612 Location: Contact	\$400 members / \$450 others			TBD	4/20/12
1305 - Certified Software Quality Engineer (CSQE) Review	Arnold Miller 303-466-2631 Location: TBD	\$400 members / \$450 others			TBD	TBD
1322 - ASQ Exam BoK: Quality Concepts, Management and Leadership	Ron Sedlock 303-716-5873 or 303-587-9153 Location: TBD	\$270 per student + \$25 material = \$295 Total			TBD	TBD
1323 - ASQ Exam BoK: Statistical Principles, Techniques and Applications	Ron Sedlock 303-716-5873 or 303-587-9153 Location: TBD	\$270 per student + \$25 material = \$295 Total			TBD	TBD
1324 - ASQ CQE Book of Knowledge (Bok) Review	Ron Sedlock 303-716-5873 or 303-587-9153 Location: TBD	\$135 per student + \$15 material = \$150 Total			TBD	TBD

() Course fee for ASQ or other professional society member/non-member. (2) Cost of primers, texts, workbooks, etc. are not included and must be purchased by the student prior the first class. Contact the Boulder Education Chair, **John Beachman**, for details. FOR INFORMATION UP- DATES please go to the Boulder Section web page: <http://www.asq1313.org/courses.html>

If there is a class you need but is not listed above. We may be able to offer that class in the future.

### **COURSE REGISTRATION INFORMATION**

You do not have to be a member of ASQ to attend a class however, members of ASQ and other professional societies receive a discount for classes. Local Quality professionals teach all classes in the Boulder/Longmont /Broomfield area unless otherwise noted. We contact you at least two weeks in advance of the class start date for the exact location. Classes are typically held at a company that employs one of the students. You may nominate your company for hosting a class. Directions and registration confirmations are provided. Participants receive a certificate upon completion of the course. We need a minimum of about 4 - 5 students to hold a course and we reserve the right to cancel or postpone classes not having enough students. A full refund will be given if minimum class registration requirements are not met. If you cancel within two weeks prior to a class beginning you may not receive a refund.

**ASQ CERTIFICATION REVIEW COURSES:** These courses are intended as a refresher course for those preparing to take the ASQ Certification exam. These courses are typically not introductory and are intended for people with either academic and/or on the job experience. NOTE: Enrollment in a class DOES NOT enroll the student for the certification exam. The student is responsible for confirming exam dates and application deadlines with ASQ Headquarters. Qualification requirements for sitting for an exam and information regarding exam applications may be obtained by calling ASQ Headquarters at 1-800-248-1946 or go to <http://www.asq.org>

### **ASQ #1313 COURSE REGISTRATION FORM**

Please complete the following information as thoroughly as possible. In case of a schedule change or cancellation, we really appreciate two phone numbers to contact you.

Student's Name: \_\_\_\_\_ ASQ Membership #: \_\_\_\_\_  
or other Society and #: \_\_\_\_\_

Title: \_\_\_\_\_

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Daytime phone: \_\_\_\_\_ Night time phone: \_\_\_\_\_

E-Mail: \_\_\_\_\_ or FAX: \_\_\_\_\_

Course # and Name: \_\_\_\_\_

Course Start Date: \_\_\_\_\_

Course Fee: \$ \_\_\_\_\_ (ASQ Member) \$ \_\_\_\_\_ (Non-member)

Please enclose a check payable to "ASQ Boulder Section" and contact the Boulder Section Education Chair John Beachman at: [john.beachman@covidien.com](mailto:john.beachman@covidien.com) (or) 303-530-6346, to reserve your spot in the course that you want. Please send checks to the address below.

ASQ Section 1313 Education c/o Mr. John Beachman 2031 Amethyst Dr Longmont, CO 80504

**GUARANTEE:** If you pay for and take one of our 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.). Your ASQ section leadership is committed to meeting your quality-related education and certification needs. If you have any questions about a particular course, please contact the instructor or the Boulder Section Education Chair (contact information above).

## Non-ASQ Boulder Section (or) Non-ASQ Denver Section Training Resources

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### From: Ron Sedlock, the quality Catalyst

If you are seeking ASQ certifications I do exam preparation classes for most certifications. I typically recommend exam takers begin preparing 4 months prior to the exam. This means for the October exams (such as **CMQ/OE, CRE, CQT, SSBB**) preparation should begin in **June**. For the December exams (such as **CQE, CQA, SSGB**) you should begin preparing **August**.

If you have any quality training needs, keep me in mind. I offer a variety of quality classes. Many, such as **Statistics: Principles and Applications** and **Process-Based Auditing**, are useful for taking ASQ Certification exams as well as implementing Six Sigma improvement.

All my training can be offered "in-house". In-house training is more cost effective if you have 6 or more trainees. Besides the convenience of in-house, the training can be customized to meet your specific needs. Feel free to contact me to discuss. Also if cost is an issue, I do give advice to anyone seeking ASQ Certification. This is a free service. It is my way of giving back to the quality profession.

At your service, Ron Sedlock

the quality Catalyst phone: 303-716-5873 or 303-587-9153 (cell)

[www.thequalitycatalyst.com](http://www.thequalitycatalyst.com)

*I am vitally concerned with your privacy on the internet and respect your right to refuse any other email distributions from me. I do limit my email announcements to typically 2 times a year. If you choose to discontinue these mailings, let me know. Your email address will be immediately removed from my database.*

### **Colorado Quality Executive Network (CQEN)**

This is a network of the top quality executive from various Colorado organizations. The purpose of CQEN is to share ideas on current quality trends and issues. Membership to the CQEN is by invitation only. The CQEN meets quarterly in the months of January, April, July and October.

Please pass on this information as appropriate.

For more information, contact

Ron Sedlock

the quality Catalyst

Phone: 303-716-5873 or 303-587-9153 (cell)

Email: [ronsedlock@thequalitycatalyst.com](mailto:ronsedlock@thequalitycatalyst.com)

## **Quality Related Careers Job Postings**

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### **QA / QC Scientist (Engineer or Statistician)**

#### **Overview**

The National Ecological Observatory Network, Inc. (NEON™) is a \$430 million dollar observatory project dedicated to understanding how changes in climate, land use and invasive species impact ecology. For the next three decades NEON will collect a comprehensive range of ecological data on a continental scale across 20 eco-climatic domains representing US ecosystems. NEON will use cutting edge technology including an airborne observation platform that will capture images of regional landscapes and vegetation; mobile, relocatable, and fixed data collection sites with automated ground sensors to monitor soil and atmosphere; and trained field crews who will observe and sample populations of diverse organisms and collect soil and water data. A leading edge cyberinfrastructure will calibrate, store and publish this information. The Observatory will grow to 300+ personnel and will be the first of its kind designed to detect and enable forecasting of ecological change at continental scales.

#### **Position Summary**

Reporting to the manager of the Calibration, Validation and Audit Laboratory, the QA/QC Engineer-Scientist will design, construct, operate and optimize calibration and validation activities for environmental sensors. This position will support long term QA/QC activities and contribute towards new, still to be defined, developments

**Location**

Boulder, Colorado

**Essential Duties and Responsibilities:**

- Leads and provides vision in the definition, implementation and optimization of innovative tools for the analysis of data, Quality metrics and uncertainty analyses in calibration operations
- Coordinates QA/QC data flows with other related NEON groups (including science)
- Designs manual and automated QA/QC procedures to be implemented during the calibration of sensors
- Provides a strong foundation in metrology and the traceability of measurements to known and accepted standards

**Education:**

- MS degree or higher (or equivalent experience) in Science or a related Engineering field with a strong emphasis on Quality systems
- Recent PhD graduates may apply, but this is NOT a post-Doctoral position

**Required Experience:**

- Proven experience in the QA/QC as a Scientist, statistician or engineer, that can design and deploy complete Quality systems
- Proven experience with quantitative uncertainty analyses and time-series analyses
- Experience delivering a final product from concept through testing to deployment
- Experience working in a collaborative scientific or engineering enterprise
- Demonstrated ability to communicate effectively in written and oral forms

**Preferred Experience:**

- Knowledge of a wide range of meteorological related sensors, and measurement techniques and their associated data acquisition and analysis procedures
- Experience with production data flows
- Recognized Quality systems like Six Sigma, Lean, ISO, others
- QA certifications (CQE, CRE, Black Belt, or similar)
- Training and facilitating over complex technical issues related to the Quality field

**Skills and Abilities:**

- Critical thinking, scientific writing and review
- Quantification of spatial and temporal variation of data quality properties and processes
- Demonstrated problem-solving and communication skills
- Desired knowledge base of both instrument hardware and software development

Apply to [www.neoninc.org](http://www.neoninc.org)

NEON Inc. is an Equal Opportunity Employer. Women, Minorities, Veterans and Disabled Persons are encouraged to apply.

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**VTR Inc.**

If you are interested in the following W-2 opportunity. If so, please email me your resume with your hourly rate requirements.

**Title: Quality Assurance Rep:**

**Location: Centennial, CO Duration: 6 months w/ possible extensions. This is a W2, not 1099**

The desired candidate must possess the following qualifications:

- Minimum of 5 years of experience within the Aerospace & Defense industry
- Must have performed hands on test support of avionic products within the last 5 years
- Must have performed review and approval of test procedures, monitor/witness test activities of flight and non-flight assets
- Must have previous experience performing general surveillance and auditing activities
- \*Must have a minimum of 3 years experience working with avionics components for launch vehicles, satellites, or FAA-certified aircraft
- Must have a minimum of 5 years experience working within the Quality Assurance

**Must have previous hands on inspection experience with the following commodities within the last 10 years:**

- \* Inspection of electronics subcomponents and printed circuit boards to engineering drawings and specifications;
  - \* Inspection of electronics assemblies to engineering drawings and specifications, including mechanical details, potted electronics, wire harnesses, and rack-mounted hardware;
  - \* Audit and inspection of special processes and process paperwork to engineering specifications, including soldering and crimping; and,
  - \* Inspection and system-level tests, including ground support equipment and flight hardware.
- Nice to have LMCO (or) Boeing background, but not required.

**Jeannie Harman, TSC, CSP Staffing Specialist**

**VTR, Inc.**

2525 Main Street., Ste. 100

Irvine, CA 92614

Office: (949) 622-1246

Email: Jharman@vtri.net

Fax: (949) 833-3913

*PLEASE visit our website: [www.vtri.net](http://www.vtri.net) for our other active job opportunities!*

## EnergeiaWorks: Denver Supplier Quality role

Job Description:

Evaluates vendors' operations and products for compliance with company quality standards. Make suggestions to management regarding vendor selection. Compiles data for documentation of test procedures and may prepare reports for presentation to management.

Directs and coordinates quality inspection of parts, components, and materials produced by subcontractors and vendors, and surveillance of subcontractors' manufacturing processes.

Directs sampling inspection, and testing of received parts, components, and materials to determine conformance to standards.

Conducts periodic and special surveys of subcontractors' facilities and manufacturing processes to determine adequacy and capability of quality control and ability to comply with complete quality specifications.

Reviews quality problems with engineering personnel and directs action required to correct defects.

Prepares periodic and special reports concerning departmental activities, problems, subcontractors' quality system, schedules, and rejected items.

Aids in organizational planning by participating in departmental conferences.

Lead process improvement efforts using quality system tools and procedures to drive process quality improvements and leverage statistical tools for evaluation of process capability on critical-to-quality parameters

Coordinate and lead First Piece Qualification plans, Supplier/process verification efforts, PPAP process, supplier quality system audits and surveillance program

May direct, manage and lead the activities of inspectors and technicians in the consistent application of discipline and control resources, processes and ensure adherence to company policies

Monitor and address quality cost reductions with suppliers and incorporate key manufacturing critical-to-quality parameters into supplier processes

#### Requirements:

4-6 years of manufacturing experience within a high tech/electronic sector

Proven track record in part of organizational change and examples of interaction with the most senior executive levels of the organization

Ability to effectively utilize application software, word processing, spreadsheets and specialized application software packages (ie, Minitab)

Excellent organizational and communication skills with the ability to write reports and procedure manuals, as well as to effectively present information

Documented examples where the candidate has similar project implementation and delivered results consistent with requirements of this position

Having a Six Sigma Black Belt certification would be an advantage.

Should be familiar implementing and maintaining ISO 9001 and ISO14001 standards within a fast pace dynamic high volume consumer electronic.

Bachelor's Degree (preferably in engineering)

William V. Liuzza

Chief Executive Officer

EnergeiaWorks

+1 (212) 961-1428



## Q2 - 2012

### In This Issue

- Message from the Chair
- RMPEX News
- Baldrige News
- Sector News
- Volunteer Opportunities

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### Our Mission

*RMPEX helps organizations improve by cultivating performance excellence practices that generate outstanding results. We fulfill this through training and education, assessment and feedback, recognition and awards, and networking and sharing of best practices.*

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### Upcoming Events

October 26, 2012  
RMPEX Quest Conference



### Healthcare Sector News

## Message from the Chair

*By: Jeanne Brown, channeling Ed Powers*

**"Engage for the New Age" is our new theme!** The underlying construct is that the world is changing. Business grapples with sluggish, post-recession growth. Health care braces for reforms. Government aspires to be leaner, not meaner. How can renewed engagement with Rocky Mountain Performance Excellence help chart a new course? Discover how you can energize customers, innovate, and capitalize on new opportunities with greater agility. We are your local resource that celebrates excellence and delivers tailored, low-cost, objective management system feedback that helps you drive change. Engage for the New Age as an applicant, examiner, or sponsor as we grow and serve Colorado, Wyoming, and Montana!. On the ground, the 2012 RMPEX examination cycle is in full swing. We have received 15 "Letters of Intent" from potential applicants and nearly 120 examiners have been trained (85 new and 34 returning). Funding continues to be challenging both locally and nationally and sustainability plans are being developed and deployed to manage this risk factor. Thank you for your continued support and passion for our mission.

Board Chair: [Jeanne Brown](#)

Executive Director: [Kim Griffiths](#)

Award Program Director: [Jim Walker](#)



### RMPEX News

#### Meet Dr. Jim Walker

Jim Walker is the Award Program Director for Rocky Mountain Performance Excellence (RMPEX)... [Read more](#)

#### RMPEX in MT & WY

Applications for foreign nonprofit corporation status have been filed. This complete the legal expansion

## Baldrige News

### 24th Quest Event

On April 15, 2012 2011 & 2010 Baldrige Award recipients met in DC to celebrate and learn...[Read more](#)

### Funding through 2015

The Foundation for the Malcolm Baldrige National Quality Program, Inc. voted to commit funds for the Baldrige Program through 2015... [Read more](#)

### Baldrige Turns 25

The Baldrige Performance

## Henry Ford Health System

"If you can make it in a complex market like Detroit," Henry Ford Health System President and Chief Operating Officer Robert Riney claims, "you can make it anywhere." ...[Read more](#)

## Schneck Medical Center

Learn how a 2011 small-town Baldrige recipient grows a world-class workforce. [Schneck Medical Center](#) is growing a high-performing workforce that, in turn, is yielding nationally recognized results on patient-focused health care measures. ...[Read more](#)



## Service Sector News

### Ritz Carlton

"Employee engagement drives customer engagement," Janet Souter of the Ritz-Carlton Hotel Company told the standing-room-only crowd. She spoke at a breakout session at the 24th Annual Quest for Excellence Conference. But how does Ritz-Carlton engage its workforce?... [Learn more](#)

of RMPEX services to Montana and Wyoming and meets our commitment to the Alliance for Performance Excellence.

[Link to MT Certificate](#)

[Link to WY Certificate](#)

### 10-26-12 RMPEX Quest

The annual celebration of applicants and volunteers will be held in Loveland, CO this fall... [Event Summary](#)

### RMPEX Award Program Phases

Jim Walker has documented an excellent overview of the major phases of the RMPEX Award Program Phases... [Learn more](#)

### 2012 Strategic Plan

Hoshin Objective: "Create and implement a systematic approach to fill our applicant and examiner pipelines" ...[See Q1 Review](#)

## Volunteer Opportunities

### Website Support

RMPEX is seeking a volunteer who is willing to provide website direction and advice ....

[Read More](#)

Excellence Program begins a year long celebration of 25 years of performance excellence...[Read more](#)

## Baldrige New Business Plan

The Baldrige Performance Excellence Program (BPEP) announced it is developing a plan to transition from Federal funding toward self-sustaining operations...[Read more](#)



## Small Business

## Sector News

### Freese and Nichols

A "client-focused culture leads to loyalty" claims the 2010 Baldrige recipient...[Learn how they do it](#)

## 2011 RMPEX Award Recipients

### Timberline Level

- Avista Adventist Hospital
- Online Trading Academy of Colorado

- S.M. Stoller Legacy Management Project

### Foothills Level

- RTD FasTracks Program
- Thompson School District

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