

Volume 20, Issue 4

February 2014

FEBRUARY CHAIR MESSAGE

Have you ever thought about the skills and experience that may be needed to earn next year's raise or promotion? How about staying competitive in the job market?

The e-mail information letter sent out on February 4th was full of opportunities that may help Section 1313's chair positions are open for nomination and we would love to get new people and new ideas involved in the section.

When discussing volunteering opportunities with people, I often get this response: work and life commitments keep me from being more involved. I said the same thing, and for 5 years (or more)! So, why did I change my mind?

In 2008, I was working at a manufacturing facility in Watertown, NY and I attended a few section meetings the closest was an hour south in Syracuse. The drive was worth it, though. I saw how engaged the section members were and that inspired me to start the Watertown sub-section and we had meetings and networked with Quality professionals in the area.

In 2009, I was back in Colorado and I decided to raise my hand when a similar call was made — nominations were needed for section chair positions.

The most valuable skill I learned, was that once I started reserving small amounts of time for things I wanted to pursue it has since become easier to have much richer and varied life experiences simply because a few times a week I say "I'm sorry I can't do that, I'm doing X then. How about Y?"

Best Regards,
Joe Wojniak, ASQ CQE
Boulder Section 1313 Chair

Chair Message continued on page 4

ASQ's Members and Customer Service Center:

E-MAIL: 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 website at: www.asq.org for complete ASQ national news, regional event links, books, courses, yearly certification testing, re-certifications, 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: <http://asqBoulder.org>

ASQ National News

ASQ to Recognize Innovative Contributions and Achievements in Quality

Recipients to be honored at May event preceding World Conference on Quality and Improvement.

ASQ will present [Honorary Member](#), [Distinguished Service Medals](#) and 12 other [awards](#) on May 4 in Dallas, Texas, USA, prior to its annual [World Conference on Quality and Improvement](#) (WCQI).

[ASQ](#), the leading authority on quality in all fields, organizations and industries, recognizes recipients for their innovative contributions and achievements in quality. Winners' exemplary achievements are representative of the ideas and tools that make our world work better. Each individual will be recognized during ASQ's Annual Business Meeting, Sunday, May 4. For more information about ASQ awards and for attending the annual WCQI, please visit: www.asq.org (and) www.asq.org/about-asq/awards

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ASQ #1313 Officers & Committee Chairs 2014

ASQ Section 1313		Boulder, CO	
Title: Chair Name: Joe Wojniak Phone: 303-530-6581 Joe.wojniak@gmail.com	Title: Vice Chair Name: -Position Open- Phone:	Title: Secretary Name: Mark Soderberg Phone : 303-905-8157 markosoderberg@hotmail.com	Title: Treasurer Name: John Beachman Phone: 720-313-2746 john.beachman@covidien.com
Title: Re-Cert Name: Gerry Naugle Phone: 303-591-2830 gnaugle@earthlink.net	Title: Internet & Website Name: Arnold Miller Phone: 303-466-2631 arn_miller@earthlink.net	Title: Publicity and VOC Name: Byron Murray byron.murray@yahoo.com	Title: SMP Name: Mark Soderberg Phone: 303-905-8157 markosoderberg@hotmail.com
Title: Financial Auditing Name: Ewald Schelert Phone: 303-702-9009 schelert@mesanetworks.net	Title: Education Chair Name: John Beachman Phone: 720-313-2746 john.beachman@covidien.com	Title: Newsletter Co-Editor Name: Gerry Naugle Phone: 303-591-2830 gnaugle@earthlink.net	Title: Newsletter Co-Editor Name: Bill Dunford Phone 720-340-0454 billdunford@hotmail.com
Title: Certification Name: Nixon Mead Phone: 720-320-6395 nixonmead@q.com	Title: Programs Name: Dan Clark Phone: 720-326-8240 dpclark@live.com		

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Online Content Exclusively for Members:

ASQ 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!

Advertise in the ASQ Boulder Section e-newsletter in 2014-15!
Effectively get your company's information out in front of Boulder, Broomfield and Denver County QA Professionals.

Rates are.....

\$20 for a 1/4 page one issue (and) \$30 for a 1/2 page for one issue

\$60 for a 1/4 page for all eight issues in a year from the start

(and)

\$80 for a 1/2 page for all eight issues in a year from the start

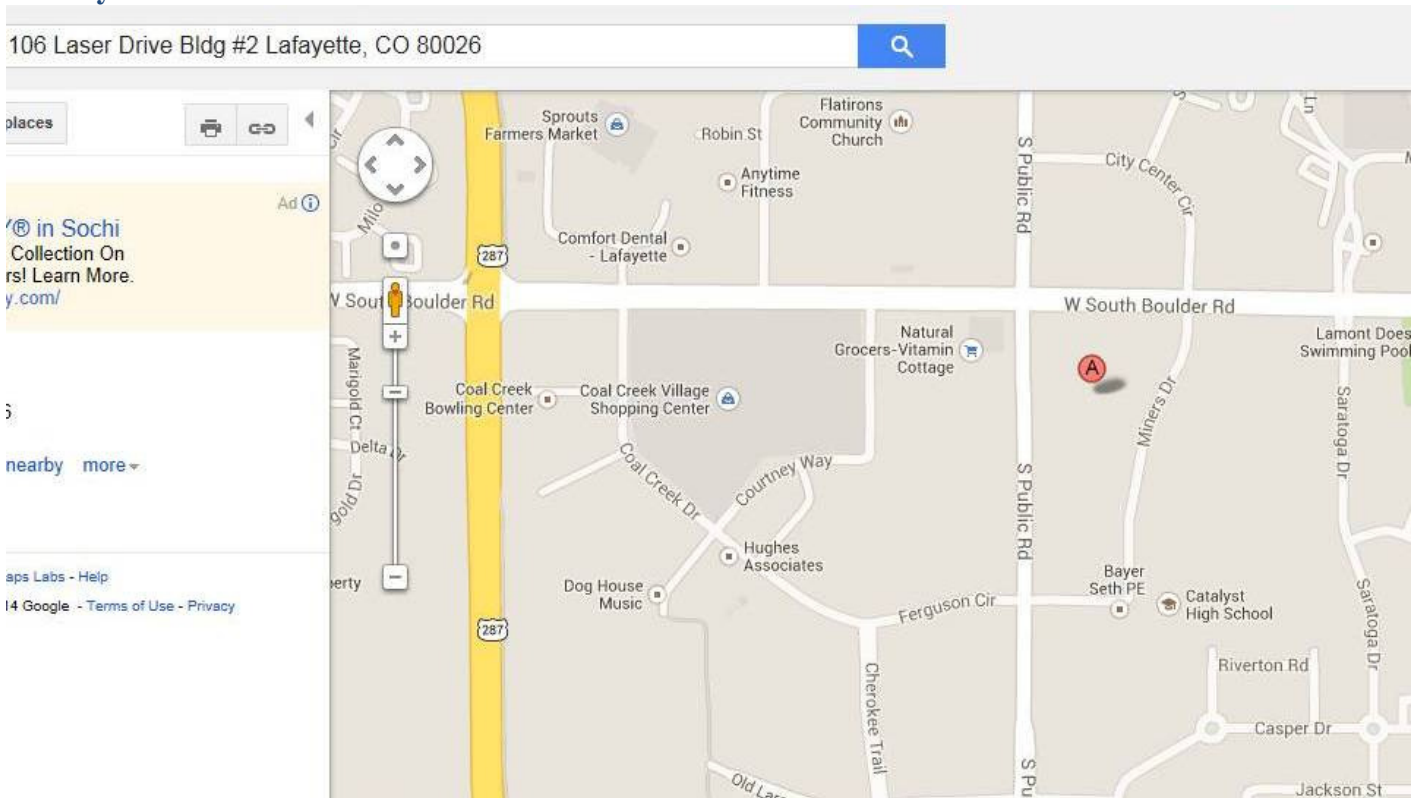
Contact Gerry Naugle at: gnaugle@earthlink.net (or) 303-591-2830

Upcoming ASQ Boulder Section Meeting

Feb 27th Doors open at 5:30pm at Rocky Mountain Laser Inc (RMI), located at : 106 Laser Drive Bldg #2, Lafayette, CO 80026 (www.rmilaser.net)

See map below, where the **Red-A** is shown. The entrance to RMI is about 500 feet south of the SE corner of the intersection South Boulder Road –and- Public Road (Old Hwy 287) in South-Lafayette. Entrance is on the south-end of the building, look for the ASQ Meeting signs, and picture ID is needed.

>> In order for Programs Chair, Dan Clark to get an idea of number of attendees for RMI staff, if you plan to attend please RSVP with your residence or work address, at: dpclark@live.com or at 720-326-8240 by the COB on Feb 25th. Thanks.



From the Boulder Section Programs Chair

Concerning meetings' speakers/lecturers...have you ever thought of presenting a case study or a problem resolution? Or, have you thought of presenting a problem and asking for possible solutions from your compatriots? Here is your opportunity! Your "presentation" doesn't have to be a presentation and it doesn't have to take an hour. You will find that we all have similar experiences and problems to share and are willing to listen. You also will earn 1.0 recertification (RU) credits! Give it some thought and contact me if you are interested. Best Regards, Dan Clark dpclark@live.com

RMPEX For information on the Rocky Mountain Performance Excellence Program (*which is also the Colorado State Quality and Business Performance Program*), please see page 17 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.

RMRAS Rocky Mountain Regulatory Affairs Society <http://rmras.org/> That RMRAS is the premier professional society in Denver-front range area for individuals involved in medical device or pharmaceutical industries. Membership is free of charge. Our societies' RU's are reciprocal and interchangeable.

February Chair Message, continued from page 1

**** Section 2014-2015 Leadership: Nominations ****

Open section leadership positions for the Jul 2014 to Jun 2015 term

See summary positions listing <http://asqboulder.org/2014/02/asq-boulder-section-1313-office-nominations-for-jul-2014-to-jun-2015-year/>

Detail positions descriptions via <http://asq.org/member-leader-community/positions/index.html>

To apply for these Leadership positions contact Mark Soderberg via email markosoderberg@hotmail.com before or at 27 Feb meeting

Section Chair (Required Position, Membership Elected)

- Current Section Chair, Joe Wojniak, nominated to continue in this position
- Other nominations are welcomed

Section Secretary (Required Position, Membership Elected)

- Open Position need nominations

Section Treasurer (Required Position, Membership Elected)

- Current Treasurer: John Beachman, nominated to continue in this position
- Other nomination are welcomed

Vice Chair (Optional, Membership Elected)

- Open Position need nominations

Arrangements (Optional, Section Chair Appointed)

- Open Position need nominations

Education (Optional, Section Chair Appointed)

- Open Position need nominations

Membership Chair (Optional, Section Chair Appointed)

- Open Position need nominations

Nominating Chair (Optional, Section Chair Appointed)

- Open Position need nominations

Audit Chair (Optional, Section Chair Appointed)

- Current Audit Chair, Ewald Schelert nominated to continue in this position
- Other nomination are welcomed

Certification (Optional, Section Chair Appointed)

- Current Certification Chair, Nixion Mead, nominated to continue in this position
- Other nomination are welcomed

Newsletter Editor (Optional, Section Chair Appointed)

- Current Newsletter Editors, Gerry Naugle and Bill Dunford nominated to continue in this position
- Other nomination are welcomed

Programs Chair (Optional, Section Chair Appointed)

- Current Programs Chair, Daniel Clark nominated to continue in this position
- Other nomination are welcomed

Publicity Chair (Optional, Section Chair Appointed)

- Current Publicity Chair, Byron Murray nominated to continue in this position
- Other nomination are welcomed

Recertification (Optional, Section Chair Appointed)

- Current Recertification Chair, Gerald Naugle nominated to continue in this position
- Other nomination are welcomed

VoC (Voice of Customer) Chair (Optional, Section Chair Appointed)

- Current VoC Chair, Byron Murray nominated to continue in this position
- Other nomination are welcomed

Examining Chair (Optional, Section Chair Appointed)

- Open Position: looking for nominations

Internet Liaison and Database Access (Optional, Section Chair Appointed)

- Current Internet Liaison Chair, Arnold Miller, nominated to continue in this position
- Other nomination are welcomed

-Joe Wojniak, ASQ CQE
Section 1313 Chair

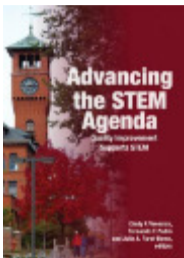
News continued from page 1

ASQ National –and- Local ASQ Sections’ News

New From ASQ Quality Press

Order at: 800-248-1946

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.

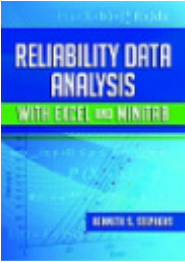
Bestseller!



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.

Updates to ASQ Recertification Journal
ASQ Recertification Costs Increase in 2014

There are recent changes to the recertification journal categories, including more opportunities for RU credits, and 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 using "Certification Link" or call ASQ Customer Care at: **1-800-248-1946** and request item **B0525**

The cost of recertification recently increased due to higher costs to administer the program. This is the first cost increase in six years. Recertification by journal for members is now **\$69 for one certification** or **\$89 for two or more certifications** (e.g., if you get recertified for three areas, you pay \$89).

Anyone doing a re-certification journal through ASQ Boulder Section is strongly urged to send an e-mail to the Re-cert Chair, Gerry Naugle, BEFORE starting your journal effort, at: gnaugle@earthlink.net. There are new streamlined policies & procedure implemented which can save you *time, effort and postage*.

Boulder Section – Current ASQ Fellows

Tripp Martin – Retired
International Auto Oversight Bureau
(248) 535-5670
trippm1@earthlink.net

Ed Arling
Quality Compliance Assoc.
(303) 579-9443
edward.arling@gmail.com

Liz Keim, ASQ Past-Pres.& Board Chair
Integrated Quality Resources, LLC
(303) 541-9127
liz.keim@comcast.net

BOULDER SECTION CORRESPONDENCE ADDRESS

ASQ Boulder Section

P.O. Box 3783

Boulder, CO 80307

website is: <http://asqBoulder.org>

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)

Article on ASQ Recertification by Rebecca Jessep, ASQ Boulder Section

ASQ certification is a formal recognition by ASQ that an individual has demonstrated a proficiency within, and comprehension of, a specific body of knowledge. Nearly 150,000 certifications have been issued to dedicated professionals worldwide. An authentic professional certification is formal recognition by a respected, recognized, and established professional organization that an individual has demonstrated a proficiency within, and comprehension of, a specified body of knowledge. An ASQ certification, like most authentic professional certifications, requires that individuals demonstrate these competencies by passing an exam and having a track record of expertise in one of the specified quality disciplines, such as Six Sigma. ASQ does not require you to take the ASQ training—or any other particular courses—as a condition of awarding such certifications.

There has been a great deal of confusion as to the true meaning of certification, especially recently, as individuals and companies strive to achieve and validate competencies in a competitive job market. Numerous training companies, educational institutions, and even individual training consultants are competing to sell training courses that purportedly include “certification.” In many cases, these are not certifications based on a noncommercial standard body of knowledge as developed by objective third-party entities, but rather paper certificates awarded for participating in specific training. While there is nothing wrong with providing evidence of a course completion (whether through a document and/or accredited continuing education units), this should not be confused with the rigor and achievement of a professional certification. ASQ offers 17 certifications. These range from Calibration Technician to Certified Quality or Reliability Engineering to Manager of Quality / Organizational Excellence. Full details on certifications can be found at: <http://prdweb.asq.org/certification/control/right-for-you>

ASQ requires that you recertify the following certifications every three years to ensure that you maintain the same level of knowledge demonstrated in your first exam.

- Biomedical Auditor
- Calibration Technician
- HACCP Auditor
- Manager of Quality/Organizational Excellence
- Master Black Belt
- Pharmaceutical GMP Professional
- Quality Auditor
- Quality Engineer
- Reliability Engineer
- Software Quality Engineer
- Six Sigma Black Belt
- ASQ/DON Lean Six Sigma Black Belt

NOTE: Quality Inspector, Quality Improvement Associate, Quality Process Analyst, Quality Technician and Six Sigma Green Belt are lifetime certifications. They have no re-certification requirements.

There are two ways to recertify. First, you may retake the examination. Second, you can obtain 18 recertification units (RUs) within your three-year certification period and completion of your recertification journal. The recertification journal may be found on <http://prdweb.asq.org/certification/control/recertification/rucredits/index> You can accumulate credits from professional activities that increase your understanding of the Body of Knowledge or enhance your job such as employment, completed training, participation in your local ASQ chapter, etc. ASQ Section 1313's recertification chair is Gerry Naugle. Suggest calling him at: 303-591-2830 or write him at: gnaugle@earthlink.net before you send anything to him; he has some options which may save you time, effort and postage. More information and forms on certification, and re-certification at: www.asq.org

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. 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://asqBoulder.org>

COURSES LOCATIONS: Contact the ASQ Boulder Education Chair, John Beachman at: 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.

2014 ASQ Boulder Section Course Offerings

Updated 02-14-2014

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

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 Instructor	\$400 members / \$450 others	March 1, 2014	January 10, 2014	TBD	TBD
1305 - Certified Software Quality Engineer (CSQE) Review	Arnold Miller 303-466-2631 Location: TBD	\$400 members / \$450 others	March 1, 2014	January 10, 2014	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)	Ron Sedlock 303-716-5873 or	\$135 per student + \$15 material =			TBD	TBD

Course Name	Instructor	Course Fee (1) (2)	Exam Date	ASQ Exam Application Deadline	Course Dates & Times	Course Registration Deadline
Review	303-587-9153 Location: TBD	\$150 Total				

(1) Course fee for ASQ or other professional society member/non-member. (2) Cost of primers, texts, work-books, 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 (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

From: Ron Sedlock, the quality Catalyst

If you have any quality training needs, keep me in mind. I offer a variety of quality classes such as:

- **Effective Quality Management Systems**
- **Lean Six Sigma Statistics**
- **ISO 9001 Process-Based Auditing**
- **Baldrige Criteria Assessments**
- **Service Quality**

Many of the classes are helpful for those seeking ASQ certification and/or implementing Lean Six Sigma improvement. If the you have a specific quality need, I can customize a training class to meet that need.

If you are seeking ASQ certifications I do exam preparation classes for most certifications. I recommend start preparing at least 3 months prior to any exam. For the following **June 7th** exams you should start in **March**:

- **Certified Quality Engineer (CQE)**
- **Certified Quality Auditor (CQA)**
- **Certified Six Sigma Green Belt (CSSGB)**

I offer public seminars only if the demand is there. All my training can be offered "in-house". In-house training is more cost effective if you have 6 or more trainees.

If you are planning to study alone for a certification exam, I can give you advice on the best way to prepare. This is a free service.

Ron Sedlock the quality Catalyst phone: 303.716.5873 or 303.587.9153 (cell)
www.thequalitycatalyst.com

Colorado Quality Executive Network (CQEN)

Colorado Quality Executive Network (CQEN) <http://www.thequalitycatalyst.com>

- Meeting: 2014 April 17 (Thursday) 1:00pm to 5:00pm

- Topic: Increasing Employee Engagement

- Speaker: Round table

- Place: TBD

Group Information and Contact Information

- The Colorado Quality Executive Network (CQEN) is a network of people who have the top quality responsibility at organizations.

- The purpose of the network is to share ideas on what works and doesn't work in the pursuit of quality at the executive level.

- Participation in this network is by invitation only. - Please contact Ron Sedlock if you have an interest.

Ron Sedlock phone: 303.716.5873 or 303.587.9153 (cell) Email: ronsedlock@thequalitycatalyst.com

Quality Related Career Openings / New Job Postings

AIRCELL CORPORATION

POSITION DESCRIPTION

Title:	Quality Engineer, Production Operations
Date:	01/24/14
Department:	BA Quality
Location:	Broomfield
FLSA Status	(HR use only) Hourly

BASIC FUNCTION

The Quality Engineer, Production Operations, reports to the Senior Quality Manager and works as part of the Quality Assurance team serving as the front line technical support of the Aircell Production Operations area. In this hands-on position, the ideal candidate ensures that the parts that are produced meet all design and functional requirements, as well as customer expectations. In this position, the ability to quickly and effectively take action when non-conformances are found is critical.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Responsible for quality assurance of new and existing programs at all manufacturing stages to ensure the quality of production meets engineering drawings, specifications, and customer requirements. Support the goal of zero defects with focus on minimizing the current out of box failure rate in the field. Lead the development of Process Failure Modes and Effects Analysis (PFMEA) for new and existing products.
- Provide engineering support to Production Operations by serving in the lead role as Tier 1 technical support performing effective top level fault analysis on all production rejects. Take action, including accurate root cause analysis, dispositioning the rejected material as appropriate. Will work closely with Production Operations Supervisor, Product Quality Engineer, and Supplier Quality Engineer.
- Develop methods to measure and continuously monitor production yields identifying root cause of low yields and defining and implementing corrective actions. Define and report on Production Operations process metrics. Determine when process capability and stability studies should be performed on existing processes. Review and analyze results, recommending, and owning changes based on findings. Perform follow up to verify effectiveness.
- Owner for the Production Operations First Article Inspection (FAI) process. Responsibilities include identifying, scheduling, and performing first articles for all internally manufactured products, as well as documenting and resolving all issues that may be detected preventing the first article from being approved.
- Assist the Senior Quality Manager in the development and improvement of the AS9100 Quality Management System in the Production Operations area, which may include product and internal audits.
- Strong drive for continuous improvement through the application of lean principles and a 6-sigma methodology with a focus on removing waste and cost from the operation. Implement tools and techniques that mistake proof Production Operations and increase the quality of the process outputs
- Self-driven to achieve defined goals and metrics with proven ability to think independently to develop new and unique approaches to problem solving and continuous improvement.

OTHER DUTIES

Performs other duties as assigned by manager.

JOB QUALIFICATIONS

1. Minimum of a bachelor's degree in Electrical Engineering or related discipline with 5 – 7 years of experience in a manufacturing quality engineering position with 5S/Lean manufacturing and ERP/MRP systems. Certified Quality Engineer preferred.
2. Basic electronics knowledge for printed circuit board assemblies (PCBAs) including interaction and function, as well as electromechanical systems with embedded software.
3. Ability to interpret electronic schematics, including inputs, outputs, and operation.
4. Proven complex analytical and problem solving skills, including knowledge of LabVIEW, coding, and automated test development, the ability to configure network devices, and the ability to debug test equipment.
5. Proficient computer skills with office software applications and a proven ability to use data analysis tools
6. Strong attention to detail, task organizational, and communication skills, and the ability to identify opportunities to drive sustained ongoing improvements in yields and throughput.

TRAVEL REQUIREMENTS ~5% domestic travel

PHYSICAL DEMANDS Ability to lift 50 lbs. Will be working in office, lab and manufacturing environments.

The above statements are intended to describe the general nature and level of work being performed by most people assigned to this job. They are not intended to be an exhaustive list of all duties, responsibilities and requirements.

Accellent, Inc.

Accellent, Inc. is a fully integrated provider of design, supply chain management and strategic sourcing services to the Medical Device industry. Accellent www.accelent.com, a recognized market leader, is a fast-growing outsource manufacturing and design solution company specializing in high growth areas such as Cardiology, Endoscopy and Orthopaedics. The top Medical Device companies partner with Accellent to provide innovation, advanced technology, speed to market, low cost labor and strategic sourcing.

The **Quality Engineer** will be expected to provide support to Operations, interact with customers and provide support for Engineering, Quality Systems and Process engineering. Quality assists in the design and implementation of policies and procedures for testing and evaluating the precision and accuracy of products and/or equipment.

Specializations may include but are not limited to: design control; material and process control; product reliability; software quality engineering; and/or metrology.

This position will be integral in meeting the Quality Management System requirements. It requires creativity and foresight to work with operations and product development teams to ensure compliance to the Quality Manual, Design Control, Supplier Management and other appropriate procedures for a variety of medical devices from concept through market introduction. The ideal candidate is a self-motivated individual who is excited by the prospect of working in a dynamic, fast-paced environment.

This position is located at our Arvada, CO manufacturing site.

Responsibilities:

- Lead implementation of continuous improvement projects or act as subject matter expert for SPC,

- FMEA, DOE and process validation.
- Lead and provide Project Management support as needed.
- Develops and initiates standard methods for inspection, testing, and evaluation, utilizing knowledge in related engineering fields.
- Devises sampling procedures and designs and develops forms and instructions for recording, evaluating, and reporting quality and reliability data.
- Performs measurement system analyses to evaluate test and inspection equipment.
- Leads disposition of discrepant material and devises process to assess product quality and reliability.
- Monitors and directs engineering group on calibration requirements and implementation of systems to support equipment calibration.
- Lead supplier approval and qualification of new/revised items which includes inspection method development and validation as well as correlation with supplier's methods, supplier audits, management of supplier corrective and preventative actions and assist in FMEA.
- Direct support for FDA and ISO inspections and registration.
- Directs workers engaged in measuring, testing, and tabulating data concerning quality and reliability.

Requirements:

- 3-8 years experience in the Medical Device or other regulated industry, such as QSR and ISO 13485, with increasing responsibility
- BS Engineering
- Experience with FDA and ISO 13485 Certification inspections is a plus.
- Regulatory experience, 510K, CDHR
- 3 plus years Project Management experience, supervising diverse teams
- Must be adept in use of computer software for the analysis of data, preferably Microsoft Excel and statistical packages (Minitab preferred).
- Quality Engineering certification (CQE) preferred or equivalent body of knowledge in areas which include, but are not limited to Statistics, SPC, Geometric Dimensioning/Tolerancing; Sampling, Design of Experiments, etc. Ability to analyze, understand and effectively communicate this technical material. Experience with Lean Manufacturing and Six Sigma is a plus.
- Ability to organize and judge priorities in a dynamic, fast-paced environment and work independently with minimal supervision.
- Must possess excellent verbal & written communication skills, which include but are not limited to presentation, organizational and management skills.

Accellent is an Equal Opportunity/Affirmative Action employer and we value diversity in our workforce. As such we provide equal opportunity for all applicants without regard to race, religion, gender, national origin, age, marital status, veteran status, or disability. To learn more about Accellent and our career opportunities, please visit us at www.accelent.com

Please email your resume to: alfredo.rubio@accelent.com

FreeWave Technologies, Inc.

Quality Engineer - Temp

JOB ID: 512437-429095

Job Description:

Position Overview (This is a Temporary Position for Q1 and Q2 2014):

The Quality Engineer will be reporting to the Quality Manager and help drive key quality initiatives throughout the company. The main focus will be the monitoring and closure of Quality issues internally and externally, and maintaining ISO certification in addition to improving processes by monitoring key metrics.

Work will be performed at the FreeWave Technologies location in Boulder, Colorado unless otherwise specified by functional Management.

Principal Job Functions:

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Work cross-functionally to ensure all ISO procedures are followed and Training Guides are utilized to standardize on and improve processes.
- Initiate and manage Non Conformance Reports (NCRs) from initial problem recognition to closure based on Field / Customer, Supplier, Manufacturing / Production, and Process issues.
- Perform internal audits to ISO procedures on a regular basis to ensure compliance to the QMS procedures for all functions at FreeWave.
- Document and maintain records in ISO Database.
- Conduct customer surveys to gauge FreeWave's performance in the eyes of customers and satisfy one of the major Quality Objectives.
- Update and revise ISO procedures and maintain in database, to improve upon processes, where deemed necessary, as a continual improvement.
- Perform assessments and audits of major component suppliers, such as suppliers of electronic modules used on FreeWave products.
- Concentrate on supplier performance and drive issues with major components to resolution.
- Prepare and support Surveillance Audits that are conducted by ISO auditors yearly.
- Provide refresh ISO training to employees in preparation for the re-certification audit and support preparation for the re-certification audit.
- Manage supplier certification surveys and approval of new suppliers and updates to existing suppliers, keeping a current list and up to date certification in the ISO database.
- Manage corrective and preventive actions to ensure Non-Conformances are addressed and closed. This task will be ongoing as Quality issues are surfaced and need to be resolved throughout the company.
- Maintain Employee List in ISO database and keep current with HR training and/or certification records.
- Work with HR to ensure all employees' training is completed, verified and up to date and records in the ISO database are up to date.

- Work with Manufacturing and Engineering to implement and update Assembly Instructions on all products.
- Other duties as assigned
- Must be a US Person in accordance with United States immigration laws to be considered for this position.

Required Experience:

Knowledge, Skills and Abilities:

- Excellent written and oral communication skills are required.
- Excellent organizational skills and attention to detail are required.
- Demonstrated analytical expertise including ability to plan, resolve problems effectively, and establish priorities.
- Working knowledge of Quality Management Systems (QMS) is required.
- Internal auditing skills in ISO 9001 or others is preferred.
- Knowledge in Printed Circuit Board and/or electronics is highly desired.
- Must be a US Person in accordance with United States immigration laws to be considered for this position.
- Quality minded individual with proven records of promoting Quality as a major driver for customer satisfaction and retention.
- To be successful in this position, the candidate must have a commitment to quality in everything they do. This means continuous improvement of activities and processes. In order to do so, the candidate must show an ability to drive to root cause and resolve issues related to that cause.

Education and Experience:

- Bachelor Degree in a technical or engineering field, or 3-5 year equivalent combination of education and experience, is required. Associate Degree may be considered based on combination of education and experience.
- Experience working in an electronic Manufacturing environment is highly desired.

Physical Demands /Work Environment:

- Work cross-functionally to drive continual improvement in product and processes.
- Able to work in a noisy Manufacturing environment on an as needed basis.

Company Description:

FreeWave Technologies provides the most reliable, high-performance spread spectrum and licensed wireless data radios for critical data transmission to oil and gas, utility, military and numerous other industries worldwide. As a market leader, we are committed to providing best-in-class radio products and unmatched customer service and support. We seek staff who are willing to help us grow and to achieve our commitments with excellence.

Our future growth requires new employees who are able to find innovative ways to

contribute to the organization. We need people who are able to contribute unique skills to the team, solve problems either as a member of a team or on their own, and fully participate in achieving group results. The ideal candidate is one who is able to fit in as a member of a progressive team in a relaxed working environment.

FreeWave Technologies, Inc. engineers and manufactures certain products that are considered ITAR-controlled items under the International Traffic in Arms Regulations (ITAR). Consistent with ITAR, any position at FreeWave that involves work with the engineering or manufacturing functions of the Company may only be filled by a candidate who is (i) a citizen of the United States, or (ii) a person who has been accorded the privilege of residing permanently in the United States as an immigrant in accordance with the immigration laws.

Quality – To be successful in this position, the candidate must have a commitment to quality in everything they do. This means continuous improvement of activities and processes. In order to do so, the candidate must show an ability to drive to root cause and resolve issues related to that cause. **EOE/M/F/V/D, to apply place the link below in your address bar**

<http://freewave.atsondemand.com/index.cfm?fuseaction=512437.viewjobdetail&CID=512437&JID=429095>



Message from the Chair
By: Jeanne Brown

UPCOMING EVENTS

Quest for Excellence 2014
Date: Friday 04/18/2014 8:00 am

SAVE THE DATE – April 18, 2014
Registration coming soon at our website: www.rmpex.org



Baldrige News
Baldrige's 25th Anniversary
Register today for the 25th annual Quest for Excellence® conference and learn how to

Our Mission
RMPEX guides organizations and volunteers to performance excellence by providing education, training, networking, and sharing of best practices leading to assessment and

*feedback, which result
in continuous
improvement,
recognition, and
awards.*

Upcoming Events

Examiner Training Dates

To be posted by April 1, 2013



Healthcare Sector News

Innovation and Cross-Sector Learning

Recently, **Russell Gonnering** wrote a piece in *Physician Executive* entitled "[Health Care Can't Wait to Innovate](#)" that explored innovation through the example of jet propulsion...[Read more.](#)

Why Baldrige? Ask Leaders of Top U.S. Hospitals

Two years ago, a [Thomson Reuters study](#) found that health care organizations that won a Baldrige Award or received a site visit during the Baldrige Award process outperformed.

TIMBERLINE AWARD LEVEL Sky Ridge Medical Center City of Fort Collins

These two organizations demonstrated systematic and mature approaches, effective deployment, process learning, and process integration.

Award recipients, as well as examiners and judges who volunteered countless hours, will be honored at the 2014 Quest for Excellence conference in Littleton, CO on April 18, 2014. This event provides a rare opportunity to learn from the pro's who have led large-scale organizational transformation. The Quest event will include national Baldrige recipients and local recipients who will share their insights on continuous improvement utilizing the Baldrige framework. Mark your calendars now and look for more details as the event grows near.

Here's to continuing the journey toward performance excellence in 2014 and beyond !!

Respectfully,

Board Chair: [Jeanne Brown](#)

Executive Director: [Kim Griffiths](#)

Award Program Facilitator: [Jim Walker](#)

improve your organization's performance from 27 Baldrige Award-winning organizations!...[Learn more](#)

Baldrige Director Harry Hertz Retires

After 21 years, Baldrige Director Harry Hertz will be leaving the position on June 3, 2013...[Read more](#)

Look Who's Using Baldrige: A Focus on Southeast Asia

"No one could be a prophet in his own country." (Dejavu Dr. Deming and Dr. Shewhart) says Bill Voravuth Chengsupanimit, Lead Assessor of the Thailand Quality Award...[Read more](#)



Service Sector News

Plates Still Spin but Senior Leaders Find Peace of Mind

Over the last sixteen years, [Turner Broadcasting System, Inc.](#) has seen millions of dollars of cost savings through a focus on continuous improvement that drives efficiencies and innovation...[Read more.](#)