



The next ASQ Boulder Section meeting will be held on Thurs, Sept 22nd at Aircell Technology Corp with tutorial starting at 5:30pm and the main talk at approx 6:20pm. Please see more meeting details on page 3.

SEPTEMBER CHAIR MESSAGE

Hello to everyone in the ASQ, Chapter 1313. I am your new Section Chairperson. I am relatively new to the Section. I thought I would take the opportunity to give you a little of my background and vision. I am a degreed Engineer, with an advanced degree in Applied Math and recently certified as a Quality Engineer. I have worked directly in Defense, Telecommunications, and Medical Device industries over the past thirty years. The positions I have held were in the manufacturing, design, research, quality, project/program management and organizational management areas.

I am currently the Director of Quality Systems at Covidien, Respiratory and Monitoring Solutions, Boulder, Colorado. Quality functions under my purview include Document Management, Records Management, Supplier Quality, Training, Technical Services, as well as several Manufacturing and Service Centers. I am the Management Representative for the business, responsible for the quality system deployed to over thirty business locations, across four continents.

I offered my available time and energy to the ASQ Section 1313 through the 2011 quality survey because I feel the Section provides a wonderful opportunity to communicate, collaborate, and coordinate common themes and interests. I wanted to contribute in any way to advance the mission and vision of the Section. I believe that professionalization of the individual and the discipline is never ending. Continuous improvement should be constantly pursued. Collaborative engagement helps enrich our experience and opportunities. These are some of my professional themes that I hold.

As for my vision for the Section, I want to broaden the reach of the Section, beyond what has already been achieved. More importantly, I want to hear from members and customers of our services to determine what is most important. What more is needed? Where could we go? What could be different? Think no small thoughts. I want to hear your ideas. We can synthesize the input to create a more attractive and stronger product that returns greater value to the community and the members. I want to create 'pull' for what we have to offer. To do this, I need to hear your voice. Please let me or the board know your thoughts, interests and ideas. As always, I am at your service.

Mark O. Soderberg, ASQ Section 1313, Chair

ASQ'S Customer and Member Center:

E-MAIL: help@asq.org
PHONE: 800-248-1946
FAX: 414-272-1734
USPS MAIL: ASQ Communications
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: www.asq1313.org

Did You Know? ASQ Divisions and Sections offer approx. 70 scholarships, some of which go untapped due to limited number of student applicants.

ASQ Boulder Section News

New 2011-12 Monthly Meeting Location

The 2011 Sept–Nov meetings (and) the 2012 Jan–May meetings as a baseline will be held at the Section's corporate sponsor Aircell Technology Corporation, Building A conference room which located at: 303 S. Technology Ct, Broomfield, CO 80021-3411. There may be monthly meetings at other locations, as to be determined.

There is a Map to the Aircell Corp facility on page 3

Many thanks to the management of Aircell Corp and to Rebecca Jessep, immediate past section chair and Aircell QE for making arrangements for the year. The conference room holds approx. 30.

news continued on page 4

ASQ #1313 Officers & Committee Chairs 2011-12

ASQ Section 1313 Boulder, CO	
Title: Chair Name: Mark Soderberg Phone: 303-905-8757 E-mail : markosoderberg@hotmail.com	Title: Vice Chair Name: Rebecca Jessep Phone: 303-587-7067 E-mail : rebeccajessep@hotmail.com
Title: Secretary Name: Joe Wojniak Phone : 303-530-6581 E-mail: joe.wojniak@yahoo.com	Title: Treasurer Name: John Beachman Phone: 720-313-2746 E-mail: john.beachman@covidien.com
Title: Re-Cert Name: Larry Derouin Phone: 303-431-9287 E-Mail: LWDerouin@comcast.net	Title: Internet & Website Name: Arnold Miller Phone: 303-466-2631 E-Mail: arn_miller@earthlink.net
Title: Publicity and VOC Name: Byron Murray e-mail: byron.murray@yahoo.com	Title: New Members Name: e-mail:
Title: Financial Auditing Name: Ewald Schelert Phone: 303-702-9009 E-Mail: schelert@mesanetworks.net	Title: Education Chair Name: John Beachman Phone: 720-313-2746 e-mail: john.beachman@covidien.com

Title: Newsletter Editor Name: Gerry Naugle Phone: 303-591-2830 e-mail gnaugle@earthlink.net	Title: SMP Name: Mike Ferraro Phone: 720-684-2035 E-mail: michael.a.ferraro@seagate.com
Title: Certification Name: Wells Lange Phone: 303-604-6694 E-mail: wellsolly@comcast.net	Title: Programs Name: Rebecca Jessep Phone: 303-587-7067 E-Mail: rebeccajessep@hotmail.com

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See page 11-12 for a current LSSE course being offered in August 2011.

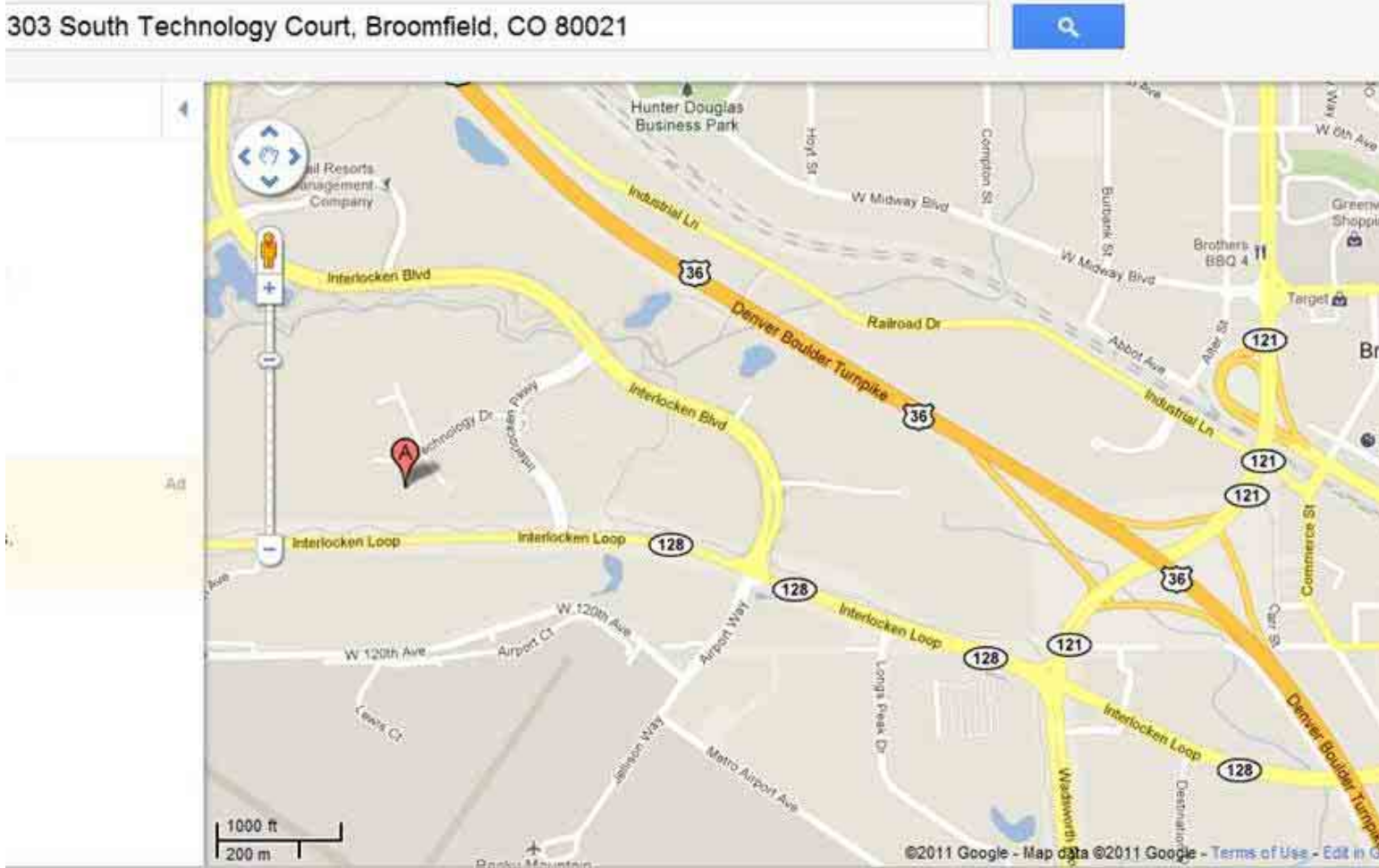
Upcoming ASQ #1313 Tutorial & Main Presenters as of: Sept 9th, 2011

Sept 22nd Doors open at 5:30pm at Aircell Technology Corp

5:35 PM Tutorial: Gary Deniston, Covidien/Boulder on: "Statistics for Limited Sample Sizes"

6:20 PM Main Talk: Guy Harris, Sandhills Scientific Inc on: *Overview of Medical Device Industry*

Map to Aircell Corporation, Building A, Conference Rm Note: Colo Hwy 121 in the map is Wadsworth Blvd
303 South Technology Court, Broomfield, CO 80021



MBNQA For info on the Malcolm Baldrige National Quality Award Program, visit www.quality.nist.gov

CPEX For info on the Colorado Performance Excellence Program (Colorado State quality and business performance program), visit www.coloradoexcellence.org

Contact: Executive Director, Mr. Tom Mauro tmmauro@coloradoexcellence.org (or) at: 303-893-2739
Please see page 19 of this newsletter for the most recent information on upcoming 2011 CPEX activities and events. **The Boulder ASQ Section is a sponsor of the Colorado CPEX Organization.**

Free Lunch & Learn

EMC and Reliability Design Impact on New Product Introduction Processes

Friday, September 16th, 2011 - 10AM to 1:30PM

Fusion Restaurant 1940 Ken Pratt Blvd. Longmont

Registration: krysiar@percept.com

Sponsored by the Colorado chapter of the IEEE Reliability Society and the Colorado ASQ Section 1313.



**Audit
Division**
The Global Voice of Quality™



20th Annual ASQ Audit Division Conference
October 27–28, 2011 • Peppermill Resort Spa Casino • Reno, NV

Place Your Bets... on a Conference and Celebration to Remember. Solid Legacy... Influential Future

October 27-28, 2011 • Reno Nevada • Peppermill Resort Spa Casino

Celebrating 20 Years!

The 20th Annual ASQ Audit Conference will be a “celebration” to honor 20 years of establishing an auditing foundation for excellence, with a brilliant outlook for the future. While we have established a “solid legacy” for audit performance, the future of the profession is highly “influential.” Join us as we honor, acknowledge, and celebrate the contributions of the Audit Division membership, auditing professionals, educators, authors, conference presenters, conference attendees, and supporters. With two decades of success, this year promises to be the best ‘deal’ in town.

Pre-Conference Tutorials: Excellent opportunities to gain insight into the trends and expectations of the future including: CMQ/QE Exam Refresher (discounted) — CQA Exam Refresher (discounted) — 14001 Internal Auditor Training — Root Cause Analysis

— Writing Exceptional Audit Reports — Process Auditing & Techniques (PAT): validate, verify and identify risk — Integrated Systems: The Future of Auditing — Risk is the Compass—A New Model Using Risks and Controls — Audit Statistic Reports as Business Culture Drivers — Journalists’ Secrets of Effective Communication for Auditors — Appreciative Internal Audit Hands-On Training: A Strength-Based Approach to Quality System Auditing — Lean Internal Audit Methodology — The IOC: Interoffice Communication Skills for Auditors — Auditors are People Too – strategies for personal growth and effective audits — Combining CMMI and Agile to Improve Quality and Productivity

Keynote Speakers:



Allan J. Sayle: “Auditing – Its Greatest Challenge Ever Lies Ahead”. A reality check in which Allan considers various technological, business and global changes that have occurred since the first audit conference of 1992 and their effects on present day business under performance of our organizations.



Jeff Fossum: “Changing Audit Perceptions – Can We Trust Ourselves with Quality”. A real case scenario referencing the redesign of Booz Allen Hamilton’s System Delivery Quality Management program in 2010 that focused on cost reduction, standards and process compliance, product quality improvement, and effective risk management for a 3,500 person, \$1B systems business.



Sipho Tjabadi: "Challenges of Quality Assurance on South Africa’s biggest Capital Expansion Programme – the Eskom Case." The programme is arguably the biggest on the African Continent, the Southern Hemisphere and by a single entity. The challenges are enormous, especially against the background that the last major power station was constructed two decades ago. This emphasized the need for a pro-active approach from Eskom with regard to Quality Management of its new build programme.



Mark Twain: (Layne McAvoy) will provide a History of the Audit Division, in his own creative way, and expand on our Theme: “Solid Legacy...Influential Future.”

Our Extensive Technical Program spans across multiple disciplines providing something for everyone, including: internal auditing techniques, best practices, tools, medical devices, methodologies in design and construction, consulting, internal audit requirements, corrective action, and much more! With individual sessions sponsored by the [Quality Management Division](#) and the [Biomedical Division](#), and a **full track** sponsored by the [Design and Construction Division](#), there is something for everyone!

An Executive Panel Discussion for all attendees with panel members that include senior executives and prominent quality professionals from various industries. Interactive discussions will focus on expectations, and recommendations for effective, productive and value-added auditing and reporting, with responses based on actual, real-life scenarios, with real-time insight and recommendations for our conference attendees. Bring your issues, concerns, and recommendations and help influence the future.

Our **Legacy** is our knowledge, our **Future** the next generation of Audit Professionals. We have engaged the students at the University of Nevada, Reno (UNR) as special guests to see and experience what it is to be a part of the ASQ and the Audit Division. We invite our experienced attendees to network with the students to provide valuable insight and information.

[GET CERTIFIED](#) ASQ Certification Exams will be offered on Saturday October 29, 2011. Visit <https://secure.asq.org/conferences/audit/audit-conf-cert-app.html> for details and registration.

[REGISTER NOW](#) and we'll see you Reno!

For additional information visit the [2011 Audit Division Conference Website](#)

Explore New Features on the ASQ Home Page

You've seen the preview, but now is your opportunity to visit the new ASQ home page, which was launched on Wednesday. One thing you will immediately notice on the page is a rotation of articles and case studies – as well as features from *QP*, blog posts, Quality for Life stories, research studies, videos, and ASQ advocacy efforts.

The member-specific home page mirrors the public page, and improves access to member benefits through easier navigation and streamlined design.

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 de-fined to make recertifying easier. The 18 RU credit amount remains the same. To order a new journal, call the ASQ Customer Care at: **1-800-248-1946** and ask for item **B0525**

Unemployment Program for Membership Available from ASQ

ASQ headquarters is offering resources for members who have encountered job loss. One benefit for those who want to retain their membership, but have difficulty renewing because they are currently unemployed, are discounted membership dues. Participating members receive a discount on their membership renewal based on consecutive years of membership. Currently, membership dues are \$129 for current Full (formerly Regular), Senior, and Fellow members. For more information, and to check out other resources available, visit <http://work.asqquality.org>

Call for Presentations - RMQC - September 13-14, 2012

ASQ Denver Section 1300

P.O. Box 849

Conifer, Colorado 80433

303-571-9306

If you are interested in any of these positions or would like to know about other volunteer positions with ASQ Denver, please contact Laura Shipley (lshipley1224@gmail.com or [720.232.6981](tel:720.232.6981)).

BOULDER SECTION 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)

ASQ BOULDER SECTION #1313 COURSE DESCRIPTIONS *Revised 08-12-2011*

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 (his contact information is on page 10).

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://www.asq1313.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.

2011 ASQ Boulder Section Course Offerings

Updated 08-12-2011

Course Name	Instructor	Course Fee (1)	Exam Date	ASQ Exam Application Deadline	Course Dates & Times	Course Registration Deadline
1301 - Certified Quality Engineer (CQE) Review	Monrad Monsen 303-272-9612 Location: TBD	\$400 members / \$450 others				
1305 - Certified Software Quality Engineer (CSQE) Review	Arnold Miller 303-466-2631 Location: TBD	\$400 members / \$450 others				
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				
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				
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				

(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**, (his contact information below) for details. FOR INFORMATION UPDATES, 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

Olde Colony Section 0111 Education Announcement: Online Certified Quality Auditor Course

For registration and payment information contact our Education Chair, Rochelle Jones, at (508)577-0788 or education@asqoldecolony.org

The **Certified Quality Auditor (CQA)** is a professional who understands the standards and principles of auditing and the auditing techniques of examining, questioning, evaluating, and reporting to determine a quality system's adequacy and deficiencies. The CQA analyzes all elements of a quality system and judges its degree of adherence to the criteria of industrial management and quality evaluation and control systems. If you are interested in becoming a Certified Quality Auditor, the next exam date is **Saturday December 3, 2011**. To help you pass the exam on the first try, ASQ Olde Colony Section 0111 is offering a virtual **Certified Quality Auditor Course**.

This course is presented in a way that reinforces current knowledge, re-introduces applications that may not be used every day, explains the rationale for use, and highlights sample multiple-choice questions. This course will be presented by an experienced live instructor, on-line, via the internet. Course Summary:

- 1 Instructor Lead
- 2 Online (virtual) Course, thus instructor and students can be anywhere, as long as they have a computer with broadband internet access. Audio connection may be achieved via telephone or a computer equipped with a USB headset using VoIP technology. No driving is necessary.
- 3 All sessions are recorded, archived, and available to students throughout the duration of the course, until the exam date.
- 4 Begins **Tuesday, September 20, 2011**, and conducted for ten, 1.5 hour sessions. Thus this course will end before the **Saturday, December 3, 2011 exam date**.
- 5 The course will be held Tuesday evenings, from 5:00 p.m. to 6:30 p.m. E.D.T. The time permits one to start the training session right at the end of the work day from their desk, and the one and a half hour duration allows the student absorb the material without being overwhelmed, and get home at a reasonable time.
- 6 The **Certified Quality Auditor Primer** will be the primary text for the course. Please order it directly from the Quality Council of Indiana (<http://www.qualitycouncil.com>). The price of the course takes into consideration that the student is responsible for the purchase of the Primer.
- 7 Because this course takes place completely online, there will not be a central physical location to hand out hardcopy training materials. Therefore, the instructor will distribute handouts via e-mail, typically in the form of Adobe PDF files.
- 8 You must successfully complete the entire course before Recertification Units and a Certificate of Completion can be awarded.
- 9 ASQ Olde Colony discounted member price is \$300. We invite ASQ members outside of the Olde Colony Section 0111 to take advantage of this discount as well.
- 10 For registration and payment information contact our Education Chair, Rochelle Jones at education@asqoldecolony.org
- 11 ASQ Olde Colony makes no warranty expressed or implied that your participation in this course will ensure that you will pass the certification exam.



Access more than 100 training sessions!

The [2011 on-demand training collection](#) provides access to complete session PowerPoints, MP3 recordings, and audio-visual recordings as presented at the World Conference on



Quality and Improvement. Give your entire team the conference experience and prepare your organization for new industry trends. [View highlights](#) from the conference to see what you missed!

Gain unlimited access to valuable insights on the following topics:

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- [Organizational excellence](#)
- [Quality basics](#)
- [Global](#)
- [Risk management](#)
- [Continual quality improvement](#)
- [Software](#)
- [Sustainability](#)
- [Healthcare](#)

To review all recordings offered or to purchase, visit wcqi.asq.org/2011/virtual.

This email was sent to: gnaugle@earthlink.net

To update your contact information, or if you have questions for ASQ, please email help@asq.org.

If you wish not to receive emails from ASQ please [unsubscribe](#).

ASQ CUSTOMER CARE CENTER:

Phone:

United States and Canada: 800-248-1946

Mexico: 001-800-514-1564

All other locations: +1-414-272-8575

Mail:

American Society for Quality

600 N. Plankinton Avenue

Milwaukee, WI 53203

Upcoming Exam Date: December 3, 2011

Application Deadline: October 14, 2011

- [Calibration Technician](#)
- [Lean Certification \(SME/AME Shingo Prize/ASQ Partnership\)](#)
- [Pharmaceutical GMP Professional](#)
- [Quality Auditor](#)
- [Quality Engineer](#)
- [Quality Improvement Associate](#)
- [Quality Process Analyst](#)
- [Six Sigma Green Belt](#)

- [Software Quality Engineer](#)

The [ASQ Learning Institute](#) provides you with training to achieve your professional goals. From basic quality to auditing to quality management and more, ASQ has what you need. Take advantage of member pricing and register for our courses today!

Upcoming Instructor-led (Web-based) Training

Don't have time to travel? ASQ offers [ASQ Instructor-led \(Web-based\) training](#). Get the training you prefer from the comfort of your own home or office. Register for these featured courses offered in October:

October 2011

- [Corrective Action](#)
October 6, 2011
- [Measuring Process and Organizational Performance](#)
October 19-20, 2011

Upcoming Instructor-led (Classroom-based) Training

If you prefer the traditional, face-to-face, instructor-led training, take advantage of [ASQ Instructor-led \(Classroom-based\) Training](#). Featured courses in October and November include:

Albuquerque, NM - October 2011

- [ISO 13485:2003 Internal Auditor Training \(RABOSA Certified\)](#)
October 24-26, 2011
- [ISO/IEC 17025 Lead Assessor Training](#)
October 24-28, 2011

Louisville, KY - November 2011

- [Internal Auditor Training for AS9100](#)
November 14-16, 2011
- [ISO 13485 Lead Auditor Training \(RABOSA Certified\)](#)
November 14-18, 2011

Featured Blended Training

[ASQ Blended Training](#) combines our popular Web-based training and live virtual training with coaching and classroom-based training, giving you the flexibility you need. Register today for:

November 2011

- [Lean Six Sigma Black Belt](#)
Begins November 28, 2011
- [Lean Six Sigma Green Belt](#)
Begins November 29, 2011

For a complete list of courses ASQ has to offer, visit the [ASQ Learning Institute](#).

From: the quality Catalyst Inc.

Ron Sedlock, the quality Catalyst Fall 2011 Courses

I offer review classes for most of the ASQ Certification Examinations. If you are planning to take an ASQ Certification Exam in December, I offer the following three 24-hour courses:

Course Name: **Certified Quality Engineer (CQE) Exam Preparation**

Course Name: **Certified Quality Auditor (CQA) Exam Preparation**

Course Name: **Certified Six Sigma Black Belt (CSSBB) Exam Preparation**

Descriptions: How to properly prepare to take and pass the examination. How you do a self-assessment to the BOK. What are the best resources? The course covers a review of the BOK. This course includes successful test-taking strategies.

Also the following two 16-hour courses helps those who need for more details of knowledge required for ASQ certification:

Course Name: **Statistics: Principle and Applications**

This class is a must for anyone pursuing any ASQ Certification or understanding the statistics of Six Sigma.

Course Name: **Process-Based Auditing**

Process-based auditing requires a different skill set then traditional element-bases auditing. This course goes beyond basic lead assessor training to auditing process linkages, system effectiveness and customer satisfaction. This class is useful for those seeking their CQA.

These courses will be held if the demand is there. The cost of these courses depends on the number of students.

The dates, time and location is to be determined.

These courses can be brought in-house. If you have 6 or more attendees, in-house is typically more cost effective. If you are anticipating quality training needs in 2012, keep me in mind.

If you have any questions, feel free to contact me.

Thanks,

Ron Sedlock

the quality Catalyst

phone: 303-716-5873 or 303-587-9153(c)

www.thequalitycatalyst.com

The following 2-day courses this fall:

Course Name: Statistics: Principles and Applications

Description: This class is a must for anyone pursuing any ASQ Certification or understanding the statistics of Six Sigma.

Course Name: Process-Based Auditing

Description: Process-based auditing requires a different skill set then traditional element-based auditing. This course goes beyond basic lead assessor training to auditing process linkages, system effectiveness and customer satisfaction.

Colorado Quality Executive Network (CQEN)

The next session of the Colorado Quality Executive Network (CQEN). This a group of top executives who share ideas on quality issues. Membership to the CQEN is by invitation only. Please pass on this information as appropriate. Any questions should be direct to me.

Ron Sedlock, the quality Catalyst (contact information immediately above)

Check out Rocky Mountain Internet User Group yahoo jobs email group
via <http://groups.yahoo.com/group/rmiug-jobs/>

This group has over 14 thousand members and is for the general IT, Software Develop, Quality, Testing, Internet and Computer jobs

They have posting between 20 and 50 posting a day.

Quality Related Careers Job Postings



We suggest that you frequently go to: www.nrel.gov use the employment link

POSITION:

Senior Quality Engineer

ORGANIZATIONAL RELATIONSHIPS:

Reports to: Boulder Quality Assurance Manager

Works closely with:

- Manufacturing Engineering
- Production
- Service
- Clients
- Outside Contractors
- Suppliers

GENERAL FUNCTION:

- Provides quality assurance and regulatory compliance oversight to assigned projects/products.
- Directs and performs the investigation, disposition, and corrective/preventive action to complaints, process nonconformities, and internal/external audits.
- Applies quality and engineering tools to improve HEI's quality systems, processes, and products. Applies quality tools to specific problems and works with staff, contractors, and suppliers to solve problems.

- Trains and supports the engineering staff on quality tools and techniques such as flowcharts, design of experiments, statistical process control, quality function deployment, hazard analysis, failure mode and effects analysis (FMEA), and fishbone diagrams.
- Monitors and improves HEI's quality system through internal audits, quality metrics, and corrective/preventive action reviews to the ISO13485 and FDA QSR requirements.
- Develops and implements quality plans, validation master plans, FMEAs, and process control plans.
- Develops and validates test methods, equipment, and procedures.

PRIMARY DUTIES RESPONSIBILITIES:

- Performs general function described above with minimal supervision. Operates in the “decide and advise” mode for assigned projects.
- Assumes responsibility for sub-project efforts such as SPC implementation, FMEAs, or validation. Responsible for making technical decisions for sub-project efforts. Champions sub-project efforts.
- Provides technical leadership and advises technicians and lower level engineers on assigned projects. Leads technical meetings in specific assigned areas unsupervised.
- Presents and resolves technical problems with the client unsupervised.
- Develops and writes specifications and other documents critical to HEI's methodologies. Critiques and reviews documents and recommends alternate solutions where appropriate.
- Keeps abreast of changing FDA and global regulations and standards. Recommends and implements changes to improve quality system compliance, efficiency, and effectiveness.
- Helps develop quality improvement plans to eliminate defects, reduce costs and cycle times.

QUALIFICATIONS SKILLS:

- Excellent verbal and written communication skills.
- Interpersonal skills to work effectively with clients and co-workers ranging from operators to executive management.
- Working knowledge of FDA/QSR, ISO, and EU regulations.
- Microsoft PC applications

BACKGROUND EDUCATION:

- Bachelor's or advanced degree in engineering or physical science.
- Previous experience as a quality engineer in a medical device environment or a combination of five (5) or more years as a quality, biomedical, manufacturing or design engineer in a medical device environment.
- Experience with quality tools and techniques such as flowcharts, design of experiments, statistical process control, quality function deployment, hazard analysis, failure mode and effects analysis (FMEA), and fishbone diagrams required.
- ASQC Certified Quality Engineer preferred. Six Sigma Certification helpful.

PHYSICAL DEMANDS:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- While performing the duties of this job the employee is frequently required to sit at a computer.
- The employee will be required to frequently use a keyboard and computer mouse.
- The employee must occasionally lift or carry up to ten (10) pounds,
- The employee must be able to do simple and firm grasping with their left and right hands.

WORK ENVIRONMENT:

1. Office
2. Minimal noise level

Please contact me either at this email address or either of the phone numbers below, if you have any questions or required additional information.

Thanks, in advance!

Andy Johnston

Quality Manager

HEI Inc. | Advanced Medical Operations

4801 North 63rd Street

Boulder, CO 80301

720.622.4232 Office

720.277.6711 Mobile

720.622.4395 FAX

Job Title:	Regulatory Affairs Specialist	Position Type:	Full Time	Posting Closes:	
Department/Group:	RA/QA	Shift Available:	Days		
Location:	Centennial, CO	Pay Grade:	7		
Posting URL:	To apply, please visit: https://home.eease.adp.com/recruit/?id=505208				
Position Summary:	Provide support for domestic and international registrations including management of Federal and State licenses and registrations. Administration of the customer complaint handling and				

adverse event/reaction reporting systems. Limits decisions to areas of expertise and seeks input from VP, RA/QA and subject matter experts as necessary. Assists with internal audits, regulatory and customer audits. Supports new product development and regulatory submissions.

Essential Duties And Responsibilities:

- Assures compliance to manufacturing & distribution registration and licensing requirements by maintaining Federal and State certifications and licenses for tissue banking.
- Administer and coordinate quality system processes relating to customer complaint handling.
- Administer and coordinate regulatory reporting for adverse events and adverse reactions.
- Assist with the review and approval of product labels, inserts and other labeling including marketing collaterals to ensure adequate information, instructions, cautions and warnings are present and that all labels/labeling are in conformance with regulatory requirements and pre-market clearances, as applicable.
- Assist with the preparation and submission of domestic and international regulatory submissions as well as internal regulatory file documentation.
- Participate in internal audits as required. Assist with customer and regulatory audits as required.
- Support new product development initiatives/projects.
- Other duties as assigned.

Education/ Formal Training Required:

- Bachelor's degree.

Job and Industry Experience Required:

- A minimum of 3 years working in a regulated industry.
- A working understanding of Quality systems, FDA regulatory requirements, and AATB Standards.

Education/ Formal Training Preferred:

- Bachelor's degree in a scientific related field.

Job and Industry Experience Preferred:

- Tissue banking, medical device, biologics or pharmaceutical.
- Minimum of two years in quality assurance or regulatory affairs.
Direct experience with customer complaint handling and FDA reporting.

Skills Required:

- This position requires excellent written and communication skills and a high degree of discretion and judgment in carrying out the job tasks and responsibilities.
- Computer: Moderate
- Mathematical: Moderate
- Technical: Moderate
- Communication: Written Advanced
- Communication: Verbal Moderate



SAVE THE DATE!
November 4, 2011
7:30 a.m. - 3:30 p.m.

**Rocky Mountain Performance Excellence Quest For Excellence
Keynote Presenters and Breakout Speakers**

Craig Deao, MHA, is the Research & Development Leader for Studer Group (2010 Baldrige Award Recipient), an international healthcare consulting firm based in Pensacola, FL. As a member of the senior leadership team, Craig is responsible for several areas including research, product development, business development, and an education division that reaches tens of thousands of healthcare leaders annually through monthly educational events.

Dr. Michael Perich, Ph.D, has held various leadership positions in his 42 years in public education, including 15 years as an elementary and secondary school principal. During his tenure in Montgomery County Public Schools(2010 Baldrige Award Recipient), he led the implementation of the Malcolm Baldrige Education Criteria for Performance Excellence there.

**[Complete Informational Flyer with other speakers, sponsorships, and cost information.](#)
[Register Now!](#)**

Please join us to Learn, Discover, Share Results, and Be Inspired!

**Kim Griffiths, Executive Director
303-893-2739**

ABOUT COLORADO/ROCKY MOUNTAIN PERFORMANCE EXCELLENCE

Colorado/Rocky Mountain Performance Excellence's vision is to create a culture of excellence that is pervasive throughout Colorado, Montana, and Wyoming. It serves the people of the region by using a proven program of innovation and continuous improvement that generates outstanding results. CPEX/RMPEx fulfills this promise through training and education, assessment and feedback, recognition and awards, networking, and the sharing

of best practices. Visit CPEX/RMPEx at www.rmpex.org .

ABOUT THE BALDRIGE PERFORMANCE EXCELLENCE PROGRAM

The award was established during the Reagan administration in 1988 and continued by all other administrations since then. The criteria used to determine award recipients at the various levels are based on the Baldrige criteria, which any organization can use to improve overall performance. Seven categories make up the award criteria: Leadership; Strategic Planning; Customer and Market Focus; Measurement, Analysis, and Knowledge Management; Workforce Focus; Operations Management; and Organizational Results.

Contact Information

Tom Mauro
tmmauro@aol.com
303-893-2739

ABOUT CPEX

Colorado Performance Excellence's vision is to create a culture of excellence that is pervasive throughout Colorado and the Rocky Mountain Region including Montana and Wyoming. It serves the people of the region by using a proven program of innovation and continuous improvement that generates outstanding results. CPEX fulfills this promise through training and education, assessment and feedback, recognition and awards, networking, and the sharing of best practices. Visit CPEX at www.coloradoexcellence.org . CPEX is now operating as Rocky Mountain Performance Excellence for Montana and Wyoming at www.rmpex.org or at the CPEX website.

ABOUT THE BALDRIGE NATIONAL QUALITY AWARD

The award was established during the Reagan administration in 1988 and continued by all other administrations since then. The criteria used to determine award recipients at the various levels are based on the Baldrige criteria, which any organization can use to improve overall performance. Seven categories make up the award criteria: Leadership; Strategic Planning; Customer and Market Focus; Measurement, Analysis, and Knowledge Management; Workforce Focus; Process Management; and Organizational Results.

CPEX Now on Facebook and Linked In

Join us now for updates on Performance Excellence activities happening in your area and the Rocky Mountain Region. CPEX is your "link" to continuous improvement in your organization now!

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