



The next ASQ Boulder Section meeting will be held on Thurs, Sept 22nd, location: Air Cell, 303 S. Technology Court, Building A, Broomfield, CO with the tutorial starting at 5:30pm and the main talk at approx 6:20pm.

Volume 18, Issue 1

August 2011

AUGUST NEW-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: August 16th, 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.**

Aug 2011 Boulder Section Summer Picnic (Sat 27 Aug 2011)

Details: http://www.asq1313.org/meetings.html#2010_aug

Time: 12:00 Noon to 2:00 pm

Event: Summer Picnic

Place: Girl Scout Shelter, Midway Park in Broomfield, CO

Cost: RSVP \$5 per person

Information:

The ASQ Boulder Section will do a catered BB-Q lunch.

Open to all Boulder Section members and immediate family.

Vegan option is available by request.

Please RSVP before 5pm on Monday 22 Aug to Gerry Naugle, contact

With ASQ Summer picnic, your name, number attending

and Entrée choice: Beef, Chick, Pork or Vege

Payment information below

Directions:

From US-36 take the Broomfield Exit for (CO 121/US 287/Wadsworth Blvd)

Go North on US 287(From Boulder left turn, from Denver right turn)

Make a Right on Midway

Go pass Target (on Right)

Midway Park is located at Midway Blvd and Laurel Street in Broomfield

Girl Scout shelter is on the North Side just Past Laurel Street

Contact Person: email <mailto:gnaugle@earthlink.net> or Phone: 303-591-2830

Note: Need Minimum RSVP count or will cancel picnic.

Will send out email when reach minimum or

on cancellation info by 24 Aug (Wed)



**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>

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	Monrad Monsen 303-272-9612	\$400 members / \$450				

Course Name	Instructor	Course Fee (1)	Exam Date	ASQ Exam Application Deadline	Course Dates & Times	Course Registration Deadline
(CQE) Review	Location: TBD	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, workbooks, 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.

Lean Six Sigma Experts August Course (Denver)

**Our next Green Belt
Class starts on
8/22/11 in
Denver, CO.**

**Get \$500 off by
registering by
7/22/11**

**Lean Six Sigma
Green Belt Training**

**Lean Six Sigma Green Belt
Training**

LSSE offers unique Lean Six Sigma Certification programs. We cover both Lean and Six Sigma topics in all our certification programs. We have created a unique integrated Lean Six Sigma methodology for our Green Belt, Black Belt and Master Black belt programs. It is truly a Lean Six Sigma certification. So, if you are interested in learning both Lean and Six Sigma at the same time for one low price, check our class schedule and sign up.

Our Green Belt program is an entry level program for beginners who are new to Lean Six Sigma. After the completion of this program, candidates will be able to identify, scope and implement small-scale green belt-level projects.

[Public Training
Schedule
Newsletter
Signup
LSSE Website](#)

- [Green Belt Course Information](#)
- [Green Belt Course Requirements](#)
- [Green Belt Registration](#)

Please check our website
www.leansixsigmaexperts.com for all other
information.

If you would like to contact us please email
kevin@leansixsigmaexperts.com

or call 1-800-961-9479 ext. 18

From: the quality Catalyst Inc.

[Ron Sedlock, the quality Catalyst](#) Fall 2011 Courses

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 than traditional element-based auditing. This course goes beyond basic lead assessor training to auditing process linkages, system effectiveness and customer satisfaction.

If you are planning to take an ASQ Certification Exam this December 3rd, I offer the following 3-day 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. What are successful test-taking strategies?

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 for additional cost savings.

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

Ron Sedlock
the quality Catalyst

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

ASQ 2011 Certification Exams Schedule

Certification	Application Deadline	Exam Dates
1. CQT - Quality Technician 2. CRE - Reliability Engineer 3. CQI - Quality Inspector 4. CMQ/OE – Manager of Quality & Organizational Excellence 5. CSSBB - Six Sigma Black Belt 6. CHA - HACCP Auditor 7. CBA - Biomedical Auditor 8. CMBB - NEW Master Black Belt	Every January and August	Every March and October October 1, 2011
9. CQE - Quality Engineer 10. CQA - Quality Auditor 11. CSQE - Software Quality Engineer 12. CQIA – Quality Improvement Associate 13. CCT - Calibration Technician 14. CQPA - Quality Process Analyst 15. CSSGB - Six Sigma Green Belt 16. CPGP - Pharma GMP Professional	Every April and October October 14, 2011	Every June and December December 3, 2011

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)

Quality Related Careers Job Postings



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

Micron Technology / Longmont

Apply directly to www.micron.com/jobs and job # LON26490. Location is Longmont, CO and it is a regular full time position.

As a Senior QA Technician you will work closely with Product Engineering, Test/Process Engineering, Quality Engineering, Field Applications Engineering, and all FA groups supporting the supply chain.

Responsibilities will include, but are not limited to, generating reports that summarize the verification, analysis, conclusions and status for each returned microdisplay module and providing other technical support to Microdisplay Quality Engineering as needed. In this position, you will also analyze product returns data and lot histories to determine the fail status, such as misprocessing events versus random defects; fails are then categorized into groups and corrective action pursued whenever necessary. You will then assist with implementing standardization of visually subjective quality elements.

As a Senior Quality Assurance Technician at Micron you will:

- Conduct electrical, visual/dimensional, and system level verification and failure analysis of Micron microdisplay products that have been identified as failures in a customer application.
- Characterize component failures, which will include verifying failures on the bench, then determining the need to escalate failure modes to FA engineering for further failure analysis based on the failures' behavioral signatures.
- Work closely with FA engineers and technicians to understand the specific electrical and visual signatures of new failure modes.
- Work with customers and Micron design engineers to understand the performance of Micron Microdisplay components across the customer's product lines and participate in decisions regarding Micron's failure analysis support.
- Assist the QA team to document workmanship standards and develop & implement effective, efficient microdisplay panel and engine inspection/test methods.
- Train inspectors on the proper use of microdisplay/engine inspection and test equipment.

- Collect, analyze, and summarize defect data and measurement results (correlation studies, defect trends, commonalities, defect modes/mechanisms resulting in higher failure rates, etc.).
- Support key Quality Management System processes such as control of non-conforming material, corrective/preventive action, equipment calibration, and internal audits (products, processes, and QMS).
- Routinely work with Engineering and Operations team members to identify and coordinate solutions for customer issues in order to improve Micron's overall quality performance.

Successful Candidates for this position will have:

- Excellent problem solving and analytical skills.
- Strong attention to detail.
- Good multi-tasking skills and ability to manage time and priorities effectively.
- Good documentation and communication skills.
- Technical customer support experience.
- Good diagnostic skills: The ability to perform first-level (verification) electrical, physical, and visual failure analysis.
- Familiarity with integrated circuitry packaging techniques and their working environments.
- Experience with microdisplay manufacturing and inspection processes. (Preferred)
- Experience working in clean room environments and with ESD sensitive devices.
- Familiarity with effective preventive and corrective action processes and principles (e.g., 8D).
- Familiarity with typical measuring instruments and interpretation of drawing and specification standards such as ANSI Y14.5 geometric dimensioning/tolerances.
- Familiarity with sampling standards such as ANSI Z1.4.
- The ability to work effectively on and with cross-functional teams.
- Efficient computer skills, including MS Office suite, especially proficiency with Excel.
- Familiarity with Microsoft Sharepoint as a cross-functional collaboration tool.
- A willingness to work abnormal hours on occasion to provide support for overseas customers as well as technical teams at other Micron sites.

Education:

- AAS in a technical field or equivalent is required.

Reglera has a New Position for a Quality Assurance Director

Position Summary: The Quality Assurance Director is responsible for the effective implementation of Quality Assurance processes with Reglera's clients. Activities performed include Quality System implementations, process improvement programs, audits, validation, and CAPAs. This position will require expertise in PMA filings and IVDs as core knowledge.

Essential Functions: The Quality Assurance Director has the following responsibilities:

- Day-to-day management and development of quality assurance programs
- Responsible for the ongoing review, strategy development, and operational planning to ensure that all quality assurance programs meet applicable regulations and standards related to PMAs and IVDs.
- Collaboration with organizational leadership in the establishment of quality assurance objectives

- Ensure projects are completed on time and meet Reglera's quality standards

Education, Training, and Skill Recommendations/Requirements:

- Requires college degree in related field
- Requires a minimum of seven years of quality assurance management, preferable in the medical devices and/or pharmaceutical industries; 10 years of quality assurance management is preferred.
- Requires strong knowledge of technical strategy as well as systems strategy; must also be able to tie technical and systems strategies into the overall business strategy.
- Excellent written and verbal communication skills
- Excellent skills in managing technical and human resources

If you are interested in applying for this open position, ***please forward*** your ***resume*** to: Attn:
Rosa Quispe, ***Email:*** quisper@reglera.com



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.

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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.rmpe.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

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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.rmpe.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.

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