



The next ASQ Boulder Section meeting will be held on Thurs, Set 23rd at Covidian/Boulder, Building #6 with a start at 6:00pm. Please see page 3 for more details.

AUGUST CHAIR MESSAGE

Currently, we are planning a year of valuable meeting topics for the 2010/2011 year to support our mission statement, "To promote the quality profession through personal development of members in order to enhance the profitability of businesses in Boulder and surrounding area."

Thanks to all persons who attend regularly, and invite your colleagues to join you in our monthly meetings. Thank you to the section officers and committee chairs for the time and commitment that each of you make to the Boulder ASQ section. I'd like to welcome John Beachman / Covidien, as our newest committee chair member owning the Education Chair position.

VALUABLE PROFESSIONAL OPPORTUNITY

Liz Ryan is our featured speaker for the Sept 23, 2010 monthly meeting, starting at 6:00pm at the Covidien/Boulder Campus building #6.

Her topic will be, "**Responsibility without Authority**". Liz has been called "the voice of the new millennium workplace." She works with employers, universities, and human resources thought leaders on the changing nature of work and employment. Her news columns reach more than 40 million readers every month, and her in depth presentations across the U.S. and abroad bring Liz's pithy, down-to-earth humor and observations to corporate, university, and national association audiences. Read her presentation abstract starting on page three of this newsletter.

NOTE: PLEASE SAVE THIS DATE AND INVITE A FRIEND TO JOIN YOU. YOU DO NOT HAVE TO BE A MEMBER TO ATTEND OR EVEN IN THE QUALITY PROFESSION. MORE DETAILS TO FOLLOW.

Enjoy your summer! I hope to see you at the picnic on August 7th in Broomfield. Please check the #1313 LinkedIn site, as well as the #1313 Section web site at: www.asq1313.org

Sincerely, Rebecca Jessep
ASQ Section 1313 Chair 2010-2011

ASQ'S Customer and Member Center:

E-MAIL: help@asq.org

PHONE: 800-248-1946

FAX: 414-272-1734

USPS ASQ Communications

MAIL: 600 N. Plankinton Ave.

Milwaukee, WI 53201-3005

We suggest that you go to the ASQ National web-site 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? The ASQ Divisions and Sections offer approx. 70 scholarships, some of which go untapped due to limited number of student applicants.

ASQ National News

New Benchmarking Studies Available

ASQ has entered into an agreement with the American Productivity and Quality Center (APQC) to provide Full members with access to benchmarking content through the ASQ Knowledge Center.

APQC is recognized as the primary provider of benchmarking studies related to quality and metrics. Much of the content applies to all industries and sectors. The URL for this activity is:

<http://www.asq.org/knowledge-center/index.html>


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ASQ#1313 Officers & Committee Chairs 2009-10

ASQ Section 1313 Boulder, CO	
Title: Chair Name: Rebecca Jessep Phone: 303-587-7067 E-mail : rebeccaiessep@hotmail.com	Title: Vice Chair Name: Joe Wojniak Phone: 800-635-5267 E-Mail: joe.wojniak@yahoo.com
Title: Secretary Name: Melinda Schones Phone : 303-359-5531 E-mail: mschones2002@yahoo.com	Title: Treasurer Name: Ewald Schelert Phone: 303-702-9009 E-mail: Schelert@mesanetworks.net
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: Wells Lange Phone: 303-604-6694 wellspolly@comcast.net	Title: Education Chair Name: John Beachman Phone: 303-530-6346 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: wellspolly@comcast.net	Title: Programs Name: Guy Harris Phone: 303-470-7020 E-Mail: harrisgb@comcast.net

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SSD Global
 Accelerated Lean Six Sigma Learning Systems
 Denver Classes: Held at Regis University – DTC Center

- [Lean Six Sigma Master Black Belt Workshop; \\$7500; Oct. 25-29, 2010; Regis DTC](#)
- [Lean Six Sigma Black Belt Workshop; \\$4150; Oct. 25-29, 2010; Regis DTC](#)
- [Lean Six Sigma Master Black Belt Workshop; \\$7500; Oct. 25-29, 2010; Regis DTC](#)
- [Process Improvement Engineering Workshop; \\$2750; Nov. 1-3,2010; Regis DTC](#)

All courses have post workshop requirements to include homework, exam, and project work. Fees for post workshop activities are included in the course fee above. Class size is limited.

Contact Margi.White@ssdglobal.net or call 303 571-9351 for additional information
 Register on line at www.SSDGlobal.net on the Contact Us Site

ASQ #1313 Tutorial & Main-Presenters for Upcoming Mtgs as of: Aug 10th, 2010

All Boulder Section tutorials start at 5:30pm on the 4th Thurs of each month, except where the date or any other aspect of the meeting is denoted in **bold blue font**.

Thursday, Sept 23rd

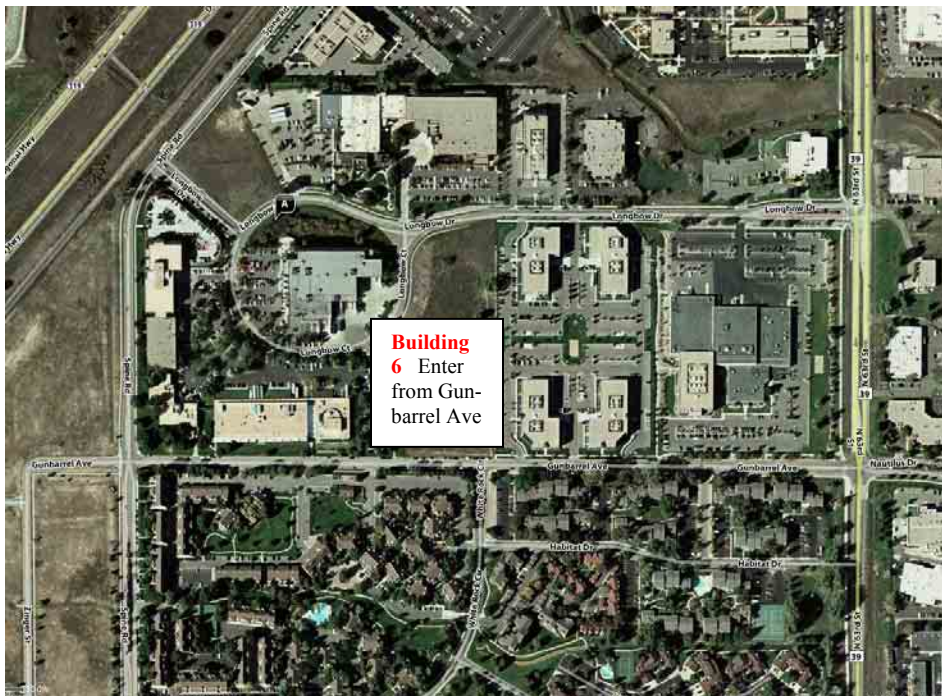
Main Presenter: Liz Ryan on, **"Responsibility without Authority"** Start at 6:00pm, no tutorial that day.

Abstract: TAP YOUR POWER, GROW YOUR INFLUENCE: Navigating the 'Responsibility Without Authority'. The economy, the environment and the geopolitical climate aren't the only sources of the seismic shifts occurring in the world today. At work, we're dealing with a whole new paradigm for getting work done in the 21st century.

Years ago, working people complained about being on the hook for their results without having the functional authority to match. Nowadays, accountability for enormous projects with zero management authority is the norm! How do we manage through influence? What new skills will allow us to grow and deploy our influence on the job? National workplace expert and former Fortune 500 Human Resources exec Liz Ryan will teach participants how to achieve big results without a lofty title or a corner office. You'll learn how to 'spin the table' and sell your ideas and plans internally from the "buyer's" point of view, how to get people across functions and units to band together with you, and how to become an influential thought leader in your place of business.

Join us for this lively session that will change your most strongly-held beliefs about your power (or lack of) at work! Liz Ryan is one of the country's most widely-read and well-respected career and workplace authorities, whose columns for Business Week Online, Yahoo!, Glassdoor.com, Workforce Review, the Huffington Post and other publications reach over 65 million readers per month. Liz is a commentator for NPR and BBC radio, a frequent analyst on CNN and MSNBC and a recent guest on the CBS Early Show in New York. Liz is the leader of the 25,000-member Ask Liz Ryan online community and the author of "Happy About Online Networking: the Virtually Simple Way to Build Professional Relationships." Liz lives in Boulder, Colorado

Directions to the ASQ meeting site at Covidien Corp / Boulder Campus Building #6. Take Gunbarrel Ave. west from 63rd St. In this satellite map on the next page, the Gunbarrel Ave enters the picture from the center-right. Please enter through the Bldg #6 main door on the east side where you will need to check in and will be directed to the adjacent meeting room location. If there are questions, please contact Rebecca Jessep, ASQ Section 1313 Chair, at rebecca.jessep@covidien.com or 303-530-6484



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 14 of this newsletter for the most recent information on upcoming 2010 CPEX activities and events. **The Boulder ASQ Section is a sponsor of the Colorado CPEX Organization.**

ASQ National News

continued from page 1

ASQ World Conference Recap Now on Web

Visit the 2010 ASQ World Conference on Quality and Improvement recap site to view videos and photos. Go to the following URL.

http://wcqi.asq.org/2010/index.html?WT.mc_id=EM5182M&WT.dcsvid=1929972606

New From ASQ Quality Press

[*The Six Sigma Handbook, Third Edition: A Complete Guide for Green Belts, Black Belts, and Managers at all levels*](#)

Thomas Pyzdek and Paul Keller

The authoritative classic—revised and updated for today's Six Sigma practitioners! Whether you want to further your Six Sigma training to achieve a Black or Green Belt, or you are totally new to the quality-management strategy, you need reliable guidance. This book shows you, step by step, how to integrate this profitable approach into your company's culture.

[Read more and VIEW A SAMPLE...](#)

And take a look at these other fine quality titles:

- [*Six Sigma Marketing: From Cutting Costs to Growing Market Share*](#)
- [*The Executive Guide to Understanding and Implementing Lean Six Sigma: The Financial Impact*](#)
- [*Six Sigma Project Management: A Pocket Guide*](#)

ASQ Master Black Belt Certification

The ASQ Certified Master Black Belt (CMBB) certification is a mark of career excellence and aimed at individuals who possess exceptional expertise and knowledge of current industry practice. Master Black Belts have outstanding leadership ability, are innovative, and demonstrate a strong commitment to the practice and advancement of quality and improvement. Obtaining an ASQ MBB is acceptance and recognition from your peers. Go to www.asq.org for more information

**Portfolio Review Process: \$650
Exam Fee: \$2150***

**ASQ Full Members:
Portfolio Review Process: \$495
Exam Fee: \$1995*
(Save—Join Now!)**

1. Is this the right certification for you?

Understand the minimum expectations, requirements, experience, and the exam specifics for a Master Black Belt.

2. Prepare for the exam.

Review the Body of Knowledge and references. Take advantage of the study guide and sample exams. See what training and books ASQ has to offer.

3. Choose an exam date.

Find the best date and location that works for you. (Note the application deadlines for each exam date.)

4. Apply for certification.

ASQ offers several ways to apply. Have your resumé and credit card ready.

5. Recertify.

ASQ requires that you recertify as a Master Black Belt every three years—either by documenting RU credits or by testing

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.

Note:

Existing certifications to ISO 9001:2000 will be invalid after November 14, 2010



Purchase the new ISO 9001:2008 standard today from ASQ!

Have you transitioned to ISO 9001:2008 yet? ASQ is your **official** source for the latest version of the ISO 9001 standard and all your ISO needs. This new standard will replace ANSI/ISO/ASQ 9001:2000 and applies to any size organization—small, medium, or large—and all types of organizations—private or public sector. Because you are an ASQ member, you can take advantage of member pricing! Purchase this new standard and:

- Manage your processes effectively
- Enhance customer satisfaction
- Meet customer and applicable statutory and regulatory requirements

Order the hardcopy or electronic version of the standard from ASQ today!

Looking for more ISO solutions?

ASQ is your one-stop shop for all your ISO needs. Visit www.asq.org/iso9001 today

The New ASQ Service Quality Body of Knowledge (SQBOK)

To meet the knowledge and professional development needs of the service quality community, the ASQ Service Quality Division has developed the Service Quality Body of Knowledge (SQBOK). Designed to cover the nuances and key attributes of service, relevant quality tools, and how to effectively deliver quality services that satisfy customers, the SQBOK includes the following categories:

- **Key service quality concepts** - customer and market focus, employee focus, communication, service delivery
- **Topics in service quality management** - leadership, strategic development and deployment, service management systems, process management, measurement and analysis, information management, environment and infrastructure
- **Recommended service quality tools organized by type of task** - communication; data analysis; data collection and measurement; idea generation; planning, organizing, and prioritizing; process analysis; process sustainment; root cause analysis
- **For More Information About the SQBOK, please go to the ASQ Main Website at: www.asq.org**

ASQ Boulder Section News

USPS Correspondence Address for the Boulder ASQ Section:

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

Note: All education & course registration materials should be sent to Section Education Chair (pls see page 8)

Boulder Section's Charity Donation Program:

The Boulder Section exec board has approved a policy of donating to bonafide local charities of \$100 per calendar quarter. If you have in mind a good local charity, please let a Section officer know about it at any monthly meeting (or) bring to the attention of the entire exec board on via a letter. Enclose any information in an envelope and send it to the section correspondence address (above) or bring any information regarding your charity and pass it on to any section officer at any monthly meeting. Suggestions for the 3Q and 4Q of 2010 are being accepted at the present time.

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>.

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

Fall 2010 ASQ Boulder Section #1313 Course Offerings

Updated 08-14-2010

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	Dec 4, 2010	Oct 15, 2010	Sun Nov 7, 14, 21 2010 1pm to 9pm (24 Hours)	Oct 31, 2010
1305 - Certified Software Quality Engineer (CSQE) Review	Arnold Miller 303-466-2631 Location: TBD	\$400 members / \$450 others	Dec 4, 2010	Oct 15, 2010	Wed 6:00pm-9:00pm Oct 6, 13, 20, 27; Nov 3, 10, 17; 24 (24 hours)	Sep 30, 2010
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	N/A	N/A	Sat 11, 18 Sep 2010 (16 hours)	Sep 4, 2010
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	N/A	N/A	Sat 9, 16 Oct 2010 (16 hours)	Oct 2, 2010
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	Dec 4, 2010	Oct 15, 2010	Sat 6 Nov 2010 (8 hours)	Oct 30, 2010

(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>

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.

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: the quality Catalyst Inc.

If you are interested in updating your credentials as a Quality Professional, I offer the following activities this summer and fall:

The following seminars are coming up:

How to Improve Service Quality	August 16	Golden, CO	\$395
Statistics: Principles and Applications	Sept 20-21	Golden, CO	\$695

The **How to Improve Service Quality** class addresses a missing piece in most improvement strategies such as Six Sigma or Lean Manufacturing. Historically, quality initiatives have been manufacturing-based. Today, most people (even in a manufacturing company) are service providers.

The **Statistics: Principles and Applications** class is a must for anyone pursuing any ASQ Certification. This class also gives a base before pursuing or understanding the Six Sigma approach. Management by fact (statistics) results in making better business decisions. If you have any questions, do not hesitate to contact me. Ask about various discounts available. Also all my seminars can be customized for in-house training at substantial cost reduction. If you have other training needs, let me know. If it is quality related, I have the capability to meet your need. ASQ Certification training is a specialty of mine.

At your service, Ron Sedlock ronsedlock@thequalitycatalyst.com
the quality Catalyst, Inc.

Phone: 303-716-5873 (or) 303-587-9153(cell)
www.thequalitycatalyst.com

Quality Related Job Postings



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

Recent

Posting Title	Sr QA Specialist I – Software Quality Assurance
Requisition Number	1442BR
Location	Golden, CO
Position Type	Regular Employee
Hours Per Week	40
Job/Research Summary	<p>The primary purpose of the Software Quality Assurance (SQA) role is to define, document, implement, and manage NREL’s SQA Program to support a dynamic and evolving range of research and business application systems running on diverse platforms. The SQA Program consists of the systems, processes, and tools needed to effectively implement SQA at all levels including organizations, projects, and initiatives. This is a senior level position that works directly with Product Line Managers, Project Managers, Line Managers, and others to determine the applicability and deploy SQA Program requirements. The SQA Program includes all activities associated with software development (e.g., requirements management, planning, design, configuration management, testing, documenting, continuous improvement, SQA assessments, etc.). The program will be based on existing industry consensus standards such as the CMMI for Development and ISO 9001.</p>
Job Duties	<ul style="list-style-type: none">• Develop, implement, and manage a systematic approach to SQA including the development of applicable policies, procedures, standards, and best business practices that meet the requirements of NREL, federal, state, and international consensus standards for in-house developed and COTS software.• Maintain an inventory and conduct risk assessments for in-house developed software applications with an emphasis on safety control systems.• Serve as technical resource and subject matter expert for software system developers on SQA functions. Train software development staff in the use and application of applicable SQA methods and tools. Consult with individuals to establish effective SQA approaches for individual projects. Support customers by helping to define and participate in acceptance testing of systems prior to implementation. Serve as the Lab’s resource for defining, identifying, and interpreting applicable requirements and best practices to be incorporated into software development activities.• Oversee software vendors/contractors to evaluate and monitor their SQA programs and ensure that NREL requirements are met.• Periodically monitor software products and active software development projects to verify compliance with laboratory policies, procedures, and standards to facilitate early detection of problems that could affect the reliability, maintainability, availability, integrity, safety, security, and/or usability of software products.• Assist software developers in evaluating the quality of their outputs and the risks to their projects.
Required Education and Experience	Relevant Master's Degree and 7 years experience or equivalent relevant education/experience.

**Additional Basic
Required
Knowledge,
Skills and
Abilities**

BS/BA degree required in computer science, information sciences, or related field or equivalent relevant experience. Minimum of 10 years relevant experience including at least 5 years of recent experience implementing SQA in diverse development environments. Knowledge of and experience in software engineering is required (e.g., software requirements development/management, software design and architecture, software coding standards, software testing, automated software test frameworks, fault-tree analysis, software bug tracking, software configuration management). Must have in-depth knowledge of software development methodologies such as RAD, Scrum, Team SW Process, Extreme Programming, RUP, Agile, etc. Experience in SQA program or project management, policy and procedure development, and performing SQA assessments. Must have experience in implementing SQA standards such as the CMMI-DEV. Ability to drive improvements across organizations and systems is required. Excellent consultative, interpersonal, facilitation and communicative skills are required and essential to successful job performance. Incumbent will work in an environment requiring initiative, independent judgment, and decision making. The ability to cope with ambiguity and use facilitation, team building, and coaching skills is also required.

**Preferred
Qualifications**

Relevant advanced degree and/or a certification in quality management (e.g., CSQE), software engineering, or a related field. Experience applying software engineering and control principles in a research environment. Experience in leading SCAMPI type appraisals. Knowledge of ISO 9001 quality standard and its application to software.

EEO Policy

NREL's policy is to provide equal employment opportunities to all qualified persons without regard to race, age, color, sex, religion, national origin, marital or veteran status, or any other legally protected status.

Genesee BioMedical, Inc.

Genesee BioMedical, Inc. a world-class manufacturer of cardiac surgery instruments and devices has an immediate opening for a Split or 2nd Shift Quality Assurance Technician/Inspector. Person applying must have attention to details and work independently with minimal supervision.

Position Title: QA Technician/Inspector

Responsibilities:

Preferred Education and Work Experience Qualifications:

- Minimum of 2 - 3 years combined experience in quality and manufacturing. Good understanding of standard quality control/ quality assurance methods.
- High School diploma or equivalent and work experience in a quality related field.
- Familiar with MS Word helpful

Position Objectives:

- Entry Level Position
- Perform QA and regulatory support activities.
- In Process & Incoming Materials Inspecting
- Work In clean room environment
- Maintain systems related to quality assurance and regulatory compliance.

Candidates should forward their Resume with Salary History to:

jpotter@geneseebiomedical.com

Mail: Genesee BioMedical, Inc.
1308 South Jason Street
Denver, CO 80223
Attn: QA Dept.

Genesee BioMedical, Inc.

Genesee BioMedical, Inc. a world-class manufacturer of cardiac surgery instruments and devices has an immediate opening for a Split or 2nd Shift Quality Assurance Lead Inspector/Supervisor.

Person applying must have attention to details and work independently with minimal supervision.

Position Title: QA Lead Inspector/Supervisor

Responsibilities:

Supervise and schedule duties of Split or 2nd Shift QA staff.

Preferred Education and Work Experience Qualifications:

- Minimum of 3 - 5 years combined experience in quality and manufacturing.
- Familiarity with quality assurance methods and techniques; attention to detail; familiarity with FDA & ISO requirements. Supervisory experience helpful.
- High School diploma or equivalent and work experience in a quality related field.
- Familiar with MS Word helpful

Position Objectives:

- Perform QA and regulatory support activities.
- In Process & Incoming Materials Inspecting
- Work In clean room environment
- Maintain systems related to quality assurance and regulatory compliance.

Candidates should forward their Resume with Salary History to:

jpotter@geneseebiomedical.com

Mail: Genesee BioMedical, Inc.
1308 South Jason Street
Denver, CO 80223
Attn: QA Dept.

Contract Engineering Services, Inc. Quality Engineer Associate

- Bachelor's degree in a technical discipline or equivalent experience.
- Minimum related work experience of 3 to 5 years in Class II/III medical device manufacturing.
- Must have proven proficiency in problem analysis, testing and laboratory skills.
- Ability to work within a changing environment.
- Ability to work together with a wide variety of personnel on all levels and utilize constructive confrontation techniques when faced with challenging issues.

- ASQ Certified Quality Engineer is a plus
- Statistics knowledge
- Knowledge of regulatory requirements (e.g., FDA, ISO) as required for the position.
- Possess methodical documentation skills
- Excellent presentation skills
- Able to communicate across functional lines

Please send resume to mailbox@cesdenver.com Phone: 303-757-8500



Colorado Performance Excellence

Thanks for your interest in the Colorado Performance Excellence (CPEX) organization! We represent a community of organizations and individuals dedicated to performance excellence. Other organizations that have adopted the performance excellence framework have demonstrated: Increased organizational learning and development; A sound management framework; Proven financial results; Documented benefits to employees, customers, the community, and other stakeholders; Ability to use the state award as a stepping stone to the [Baldrige National Quality Award](#), jointly administered by the U.S. Department of Commerce and ASQ Society.



Poudre Valley Health System of Ft. Collins, CO has received the [2008 Malcolm Baldrige National Quality Award](#) - the highest Presidential honor given to United States businesses and organizations that demonstrate performance excellence and quality of output. PVHS is the **only healthcare organization** to receive the Baldrige award, the nation's top quality award during 2008.

Lean Six Sigma Service Excellence

The Performance Management Group LLC is offering the CPEX community a discounted price on their Lean Six Sigma Service Excellence program.

[More Information.](#) [Register Now.](#)

Cost \$3,500 per trainee.

University of Phoenix - Denver

10004 Park Meadows Drive

Lone Tree, CO 80124

Monfort Sustainable Transformation Program

The Monfort Institute will offer a new half-day leadership workshops based on research on the Malcolm Baldrige National Quality Award recipient organizations. The workshops in the series will be offered at the UNC Center at Centerra in Loveland. For [more information](#) or to [Register](#). Please enter the CPEX code when registering.

Workshops include the following:

Leading High Performance - September 22, 2010, 8:30 a.m. - 12:30 p.m.

Strategy for Sustainable High Performance - October 20, 2010, 8:30 a.m. - 12:30 p.m.

Developing People - August 18, 2010 or November 17, 2010, 8:30 a.m. - 12:30 p.m.

Executing for sustainable High Performance - September 15, 2010 or January 11, 2011, 8:30 a.m. - 12:30 p.m.

Developing a Learning Culture for High Performance - October 13, 2010 or February 8, 2011, 8:30 a.m. - 12:30 p.m.

The 2010 Baldrige Regional Conferences will be held:

September 14

Newport Beach Marriott Hotel and Spa
Newport Beach, CA

September 28

Franklin Marriott Cool Springs
Nashville, TN