



Los Angeles
Section
The Global Voice of Quality™

ASQ-LA QUALITY NEWS

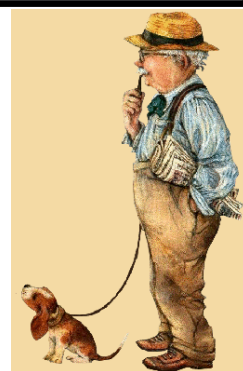
JUNE 2015

JUNE 2015 ISSUE

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Greetings!!
Happy Fathers Day
and
Graduation Month



Welcome to the June 2015 Edition of the ASQ-LA Newsletter.

Looking forward to seeing you at our June 10th Member Meeting which will be held at 2nd Floor Main Conference Room at Phenomenex, 2341 West 205th Street Torrance, CA 90501. This meeting is an opportunity to network with other Quality Professionals and learn about quality topics plus earn 0.3 Recertification Units. Registration and networking starts at 5:30 PM. The meeting runs from 6:00 to 7:30 PM. Crackers, Cookies, Coffee & Water will be provided at no charge.

YOU MUST RSVP to Chen Low 310-334-7044, pager 310-353-8293 or e-mail ChenLow_88@hotmail.com, no-later-than Noon on June 8th, so that he can provide the list of attendees to Phenomenex Security.

ASQ-LA is looking forward to your attendance at this month's program. [Press here for a pdf version of the Newsletter.](#)

William (Bill) Trappen
Newsletter Editor
ASQLA

Harold Martinez
Newsletter Production
ASQLA

ASQLA MEMBER MEETING



“Modifying the traditional FMEA tool with a focus on Reliability”

Your June 10 Speaker

Joe DeSimone, *CQE, CRE, CSQE, CQME, PMP, MS*

Modifying the traditional FMEA tool to focus on Reliability Joe DeSimone will introduce a methodology to analyze and discover potential failure modes and the effects they have on a design, process or system in direct relation to Reliability. Using the traditional FMEA approach, risk corrections and mitigations are usually based on a ranking of severity and probability of failures. Standard qualitative root cause analysis methods are generally used. Modifying the traditional FMEA tool to focus on Reliability allows us to prevent, correct and mitigate risks using a quantitative, statistical approach. FMRA may also be applied as DFMRA or PFMRA.

This approach provides a systematic, direct insight into increased Reliability, Maintainability, decreased life cycle costs and Robustness of designs. While FMRA is not an entirely new concept, it opens our minds to new applications of “FMX”. Joe will explore some of the current ideas such as FMWA (Failure mode and Weibul Analysis) as well as other FMX possibilities.

Joe is the President and Owner of DeSimone Quality International, Inc. (DQI) a consulting firm providing its many clients with Quality and Productivity Training and Consulting since 1989. DQI covers a broad scope of specialties including Lean Six Sigma, GD&T, Project Management, ASQ Review Courses, Reliability Assessment, APQP, SPC Implementation, DOE, and Statistical Studies including Court Depositions.



Message from the Chair

June 2015

Dear fellow Quality Professionals,

What an enjoyable networking meeting event at Cozumels restaurant last month. Thank you for attending and big thanks to Rebecca Collins for putting the event together!

I was able to spend time with our members during the social & dinner hour. One topic that came up was the subject of suppliers and the importance of partnerships and alliances with our suppliers. I thought this would be an excellent topic for a future general meeting presentation. The concept of a partnership and alliance between customer and supplier with the purpose of mutually improving each other's operations in the area of quality should be a strategic objective of all companies.

June General Meeting: Please join us for the June General Meeting. Our own Leadership Team Certification Chair, Joe DeSimone, will be speaking on the topic of Failure Modes and Reliability Analysis. Joe will introduce a methodology to analyze and discover potential failure modes and the effects they have on design, process or system in direct relation to Reliability. You do not want to miss this presentation!

Volunteers: My heartfelt thanks for those volunteers who helped set up the Networking event at Cozumel's. We offer flexible hours for volunteering for our section. Helping with one meeting event is appreciated.

Leadership Team Committee Update: The LT has begun planning for the 2016 Speaker schedule. Please forward to me any suggestions for speakers or topics.

Upcoming Conferences and Events: The annual Quality Day planning is underway. Upcoming Social events for the Section include Dodger Night and an evening at the Hollywood Bowl.

Certification: ASQ Los Angeles is offering certifications throughout the year. Watch for the certification courses on our website at www.asqla.org. Invest in your career and your future with an ASQ certification.

Social Media Communities: Make new connections to develop your career and your network. It's easy to connect. Social media communities have discussion boards, forums, blogs, and more.

I encourage you to take a look at *LinkedIn and Face book* for ASQ Los Angeles.

ASQ NEW FELLOWS CLASS OF 2015
WORLD CONFERENCE ON QUALITY AND IMPROVEMENT
NASHVILLE, TENNESSEE



MILTON KRIVOKUCA, DBA,
2015 FELLOW



Milt Krivokuca, Los Angeles Section 0700 and Orange Empire Section 0701 and Bob Mehta, Orange Empire Section 0701 celebrate their ASQ Fellow installation ceremony at the 2015 WCQI.

They with ASQ Fellows Barry Craner (05) and Bill Trappen (93) are adjunct professors in the Bachelor and Masters level of Science Degrees at California State University at Dominguez Hills, CA.

BHAVAN MEHTA, MSQA
2015 FELLOW



L TO R: Bob Mehta, Barry Craner, Milt Krivokuca and Bill Trappen
ASQ Fellows and CSUDH MSQA Program Adjunct Professors,

New and Renewal Members April 2015



LAST NAME	FIRST NAME	COMPANY	TITLE
Schwarz	Christian	Amgen, Inc.	Principal Q E
Miller	Anthony	Johnson and Johnson	Staff QE
Paulise	Luciana		Accountant
Diestelhorst	Tracy	Amonix Inc.	Quality Technician
Condrey	Mr. Gary	US FDA	Quality System Mgr
Seitz	Guy		Consultant
Reyes	Lizbeth		Director of QA
Aceves	Manuel	JDSU	Technician
Amacker	Kevin	Rapiscan Systems	Sr. Engineer
Willis	Jocelyn		Student
Hiremath	Ravi Rajshekar	USC	Graduate Student
Marquez	Vilialdo		Lab Assistant
Nguyen	Dewey		Quality Engineer
Valdivia	Michel		API Inspector
Ahmadi	Reza		Manager
Sutter	Adam	Childlife Essentials	Director
Sipos	John		Student
Keighley	David		Chief Quality Officer
Suarez	Richard	Rockwell Collins	QA Engineer
Gadasally	Sharath Chandra	Valeant Pharma.	Principal QE
Redington	Cecile	Avalon LabS	Product Engineer
Aljohani	Basim		Student
Washington	Cortez		Nurse
Chavez	Janice	KT Engineering	Inspector



LOS ANGELES SECTION,
AMERICAN SOCIETY FOR QUALITY
41st ANNUAL
DODGER NIGHT

DODGERS VS MILWAUKEE BREWERS

7:10 PM FRIDAY, JULY 11

RESERVED SECTION, AISLE # 3

FIREWORKS AFTER THE GAME

Tickets are \$32 as long as supplies last

SOLD OUT!!

Tickets can be purchased at Member meetings, or
reserved through Jim Morrison at 310 541-1417,
via e-mail at jamamorr@aol.com



Lane Parrott ASQLA Education Chair

ASQ CERTIFICATION PREPARATION CLASSES

ASQ CERTIFICATION	CSSYB	CMQ/OE	CQE	CQA
EXAM DATE	October 3, 2015	October 3, 2015	December 5, 2015	December 5, 2015
ASQ EXAM FEE	\$189	\$339	\$269	\$269
APPLICATION DEADLINE	August 14, 2015	August 14, 2015	October 16, 2015	October 16, 2015
CLASS NAME	YELLOW BELT	MANAGER	ENGINEER	AUDITOR
REGISTRATION DEADLINE	July 24, 2015	July 31, 2015	October 2, 2015	October 2, 2015
FIRST CLASS	August 8, 2015	August 15, 2015	October 17, 2015	October 17, 2015
LAST CLASS	September 19, 2015	September 26, 2015	November 21, 2015	November 21, 2015
NO CLASS	N/A	September 5, 2015	N/A	N/A
DAY	Saturday	Saturday	Saturday	Saturday
HOURS	8 a.m. to 1PM	8 a.m. to 1:30 PM	8 a.m. to 1:30 PM	8 a.m. to 1:30 PM
# OF CLASSES	7	6	6	6
INSTRUCTOR	Joe DeSimone	Lane Parrott	Dr. Cathy Martin	Lane Parrott
INSTRUCTOR	Lane Parrott	Joe DeSimone	Joe DeSimone	TBD
HOURS/RU	35/3.5	33/3.3	33/3.3	33/3.3

Courses will be at Phenomenex's Training Facility, located at 2341 West 205th Street, Torrance, CA 90501

COURSE FEES: Non-Member: \$500, ASQ Member: \$350 and Unemployed Member: \$200. Unemployed ASQ Members must provide evidence of unemployment status prior to first class. **NOTE:** Courses without five (5) students by the Registration Deadline will be cancelled. Tuition Checks must be received before the second class. Make checks payable to ASQ LA Section 0700. Credit cards are not accepted.

Each course will be taught using a Primer, which can be taken into the exam. Primers cost (\$60 - \$80) and are available from the Quality Council of Indiana at www.qualitycouncil.com. After 5 students have registered for the applicable course, \$10 discounts may be obtained by calling 800-660-4215. Also please purchase a Texas Instruments TI-30XA calculator.

Students are responsible for registering for the ASQ Exam prior to the application deadline. ASQ Exam Registration Fees are in addition to the class fees and are paid directly to ASQ.

REGISTRATION: Provide cell phone and ASQ Member Number to Lanep@phenomenex.com



Certified Manager of Quality / Organizational Excellence (CMQ/OE) Exam Preparation Class

The CMQ/OE Exam Preparation class uses proven teaching methods and study tools to prepare you for passing the CMQ/OE Exam. During the 6-week class you will learn the subject matter, improve test-taking skills and prepare your reference material for the open book exam conducted on October 3, 2015. Depending on how familiar you are with auditing and when you took your last exam, you should plan on spending 60 to 80 hours, including class time, to prepare for the exam.

The course starts Saturday, August 15, 2015 at 8:00 AM to 12:30 PM at:

Phenomenex, Inc., 2341 West 205th Street , Torrance, CA 90501

To register for course please provide ASQ Member Number, E-Mail and Cell Phone Number to Lanep@phenomenex.com.

Class Fees:

Non-Member: \$500

ASQ Member: \$350

Unemployed ASQ Member: \$200

#1 August 15, 2015

Section I - Certification Overview

CMQ/OE Body of Knowledge, Study & Test Techniques

Practice Exam

Section II - Leadership

#2 August 22, 2015

Section III - Strategic Development

#3 August 29, 2015

Section IV – Management Skills

Section V – Quality Systems

September 5, 2015 – No Class

Certified Manager of Quality / Organizational Excellence (CMQ/OE)

Exam Preparation Class (continued)

4 September 12, 2013

Section VIII – Customer Focus

Section IX – Supplier Management

#5 September 19, 2015

Section VI – Management Tools

Section VII – Measurement Tools

#6 September 26, 2015

Section X – Training & Development.....Practice Exam

NOTE: Credit cards are not accepted. Checks must be received on or before Class #2. Objective evidence of your ASQ Section 0700 membership or unemployment status must be provided prior to writing your check. Make checks payable to ASQ Los Angeles Section 0700. Tuition receipts will be provided at Class #3.

Students are responsible for registering for the ASQ Exam at www.asq.org prior to the **August 14, 2015 application deadline**. ASQ Registration Fees are \$339 for members or \$489 for non-members.

Students must bring their own CMQ Primer to each class, which can be purchased for \$80 from the Quality Council of Indiana at 1-800-660-4215 or www.qualitycouncil.com.



Six Sigma Yellow Belt Certification Exam and Preparation Course

The Six Sigma Yellow Belt is an ASQ certification aimed at those new to the world of Lean and Six Sigma. Yellow belts can be entry-level employees or executives who want an overview of Lean, Six Sigma and (DMAIC) process. The Yellow Belt certification requires one year of work experience. The Six Sigma Yellow Belt is a lifetime certification. There are no recertification requirements.

The Six Sigma Yellow Belt Certification is a two-hour, open book, 75 - question examination. Exams are conducted twice a year, in March and October. The exam fee is \$189 for ASQ Members and \$339 for non-members. The Six Sigma Yellow Belt Exam covers five areas, as follows:

1. Six Sigma Fundamentals (21 Questions)

The purpose of six sigma (reducing variation), the DMAIC methodology and the value of six sigma to the entire company

Lean principles including waste elimination, Just-In-Time, Poka-Yoke, Kanban and Value Stream Mapping (VSM)

Six sigma roles and responsibilities including team members, yellow belt, green belt, black belt, master black belt, process owner, champion and sponsor.

Team Basics including stages of team development: forming, storming, norming, performing, and adjourning. Team decision-making tools: brainstorming, multi-voting, and nominal group technique. Meeting agendas, meeting minutes, and project status reports.

Quality tools including: Pareto charts, cause and effect diagrams, flowcharts, run charts, check sheets, scatter diagrams, and histograms. Six sigma metrics such as: defects per unit, defects per million opportunities, rolled throughput yield, cycle time, and cost of poor quality.

2. Define Phase (12 Questions)

Project identification including the voice of the customer and how customer needs are translated into quantifiable, critical-to-quality characteristics. Identification of end users, subject matter experts, process owners and other people or factors that will impact and be affected by a project. Use SIPOC (suppliers, inputs, process, outputs, customers) to identify and define important elements of a process. **Project Management** basics such as project charter: problem statement, project scope, baseline data, and project goal. The benefits of a communication plan. Project planning tools such as work breakdown structure (WBS) and Gantt charts used to plan and monitor projects.

Project management tools such as: activity network diagrams, affinity diagrams, matrix charts, and tree diagrams. Project tollgate or phase reviews used throughout the DMAIC lifecycle.

Six Sigma Yellow Belt Certification (cont.)

3. Measure Phase (15 Questions)

Basic statistics - measures of central tendency (mean, median, mode) and measures of dispersion (standard deviation, range, variance).

Data collection plans including sources, methods and frequency. Data collection techniques including surveys, interviews, check sheets, and checklists.

Measurement system analysis (MSA) terms and tools such as precision, accuracy, bias, linearity, and stability. Gauge repeatability & reproducibility

4. Analyze Phase (15 Questions)

Process analysis tools such as 5S and value analysis. Failure mode and effect analysis (FMEA) used to identify potential process failures

Root cause analysis - how the 5-whys, process mapping, force-field analysis and matrix charts can be used to identify the root causes of a problem.

Data analysis including normal and binomial distributions and how their shapes (skewed and bimodal) can affect data interpretation. Common and special cause variation

Correlation and regression analysis including the relationships between variables and how regression analysis is used to predict outcomes.

Hypothesis testing including null, alternative, type I and type II errors

5. Improve and Control Phases (12 Questions)

Improvement techniques such as kaizen and kaizen blitz, Plan-do-check-act (PDCA) cycle and Cost-benefit analysis

Control tools and documentation including importance of a control plan for maintaining improvements. How X R charts are used for monitoring and sustaining improved processes.

The importance of documenting changes to a process and communicating those changes to stakeholders.

The Six Sigma Yellow Belt Exam Preparation Course

The Six Sigma Yellow Belt Certification Preparation Course covers Six Sigma Fundamentals, Team Basics and each phase of the DMAIC Process. The course includes lecture, group discussion, team exercises, video examples, Problem solving tools, statistics, exam question strategies, sample exams and preparation of exam materials. As a result of course participation, homework and preparation of exam materials, students should be very well prepared to pass the Yellow Belt Exam.

The course will be conducted on 7 Saturdays from 8 a.m. to 1PM. Classes will be held at Phenomenex's Training Facility, located at 2341 West 205th Street, Torrance, CA 90501.

Course Fees:

Non Member: \$500

ASQ Member: \$350

ASQ Unemployed: \$200

#	Class Dates	Instructor(s)	Primer Section and Topic
1	August 8, 2015	Lane Parrott	I Certification Overview, Sample Exam, III Team Basics
2	August 15, 2015	Joe DeSimone	II Six Sigma Fundamentals
3	August 22, 2015	Joe DeSimone	II Six Sigma Fundamentals – Continued
4	August 29, 2015	Lane Parrott	IV Define
5	September 5, 2015	Lane Parrott	V Measure
6	September 12, 2015	Joe DeSimone	IV Analyze
7	September 19, 2015	Lane Parrott	VII Improve and Control, Review & Practice Exam

Instructors:

Joe DeSimone – CSSBB, CQE, CRE, CMQ/OE, CQA, etc. Consultant, Instructor and co-author of the Certified Six Sigma Black Belt Primer.

Lane Parrott - CSSBB, CQE, CQA, CMQ/OE, Instructor and Quality Assurance Manager

Deadlines and Action Items:

July 24, 2015 - Register for CSSYB Preparation Course, by sending an E-Mail with ASQ Member Number, and Cell Phone Number to ASQ Section 700 Education Chair, Lane Parrott at laneP@phenomenex.com NOTE: Classes without a minimum of five (5) registered students will be cancelled.

July 31, 2015 - Purchase CSSYB Primer (\$60) from Quality Council of Indiana at 1-800-660-4215 or www.qualitycouncil.com

August 8, 2015 - First class starts promptly at 8:00 a.m. bring the CSSYB Binder, pencil, highlighter, and a check made out to ASQLA in the amount of \$350. Credit Cards are not accepted.

August 14, 2015 - ASQ Exam Application Deadline! Go to www.asq.org then click on Certification. Under get started, click on Apply for Certification. Select the Yellow Belt and complete the application on line. You may upload your resume and pay by credit card. Fee is \$189 if you are an ASQ Member. Call 1-800-248-1946 for help.

August 15, 2015 - Last day for course payment

October 3, 2015 - CSSYB Certification Exam



CALIFORNIA STATE UNIVERSITY DOMINGUEZ HILLS QUALITY ASSURANCE PROGRAMS

Fall 2015

BSQA – Legacy Section 45 - Internet Program Schedule – Subject to Occasional Changes Fall Session I (Early).....Course listings in July.

<i>First Day of Class</i>	<i>Last Day To Register</i>	<i>Last Day of Class</i>
TBD	TBD	TBD

MSQA - Fall 2015 Internet Program Schedule – Subject to Occasional Changes.....Course listings in July.

<i>First Day of Class</i>	<i>Last Day to Register</i>	<i>Last Day of Class</i>
September 8	September 5	December 8

CSUDH Certification Preparation Courses

For On-Line, On-Site or On-Campus NBQA 701, NBQA 702, NBQA 703, NBQA 704, NBQA 705, NBQA 706, NBQA 707, NBQA 708, NBQA 709, and NBQA 7010. Please contact MSQA program coordinator, Dr. Milton Krivokuca at (310) 243-3352 or by email at mkrivokuca@csudh.edu.

ASQLA LEADERSHIP TEAM

MEETING SCHEDULE

Time: 5:30P - 6:00P Networking & Dinner
6:00P - 8:00P Meeting

Location: CSUDH Extended Education Bldg.
CSUDH Room: EE 1205
1000 Victoria St. — Carson, CA 90745

Contact: Catherine Martin, Chair
(310) 616-0936 — Catherine_Martin@raytheon.com
Date: June 3, 2015

2015

Officers & Committee Chairs of ASQ Los Angeles Section 700

www.asqla.org

ELECTED OFFICERS 2015

CHAIR: Catherine Martin, 310-616-0936, Catherine_Martin@raytheon.com
CHAIR-Elect: Alan Wang, 310-383-2393, awang@spectrumchemical.com
SECRETARY: Ron Lombano, 310-864-2898, Ronald_A_Lombrano@raytheon.com
TREASURER: Elizabeth Hires, 805-405-4795 ElizabethHires@gmail.com
PAST CHAIR/Nominations: Lane Parrott, 310-489-9018, lanep@phenomenex.com

COMMITTEE CHAIRS 2015

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Voice of the Customer: Rebecca Collins, 310-607-7438, Rebecca_Collins@raytheon.com
Arrangements: Chen Low, 310-334-7044, chenlow_88@hotmail.com
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Simon Collier Quality Award: Bill Trappen, 760-822-7718, tankerwht@aol.com
CSUDH Liaison: Milt Krivokuca, 949-892-7994, Milt619@cox.net
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