



Greater El Paso
Section

Amigo Quality

Volume 27 Number 8

Welcome to the May 2007 issue of the Newsletter! Your local provider of information and learning opportunities related to quality professionals.

MEMBERSHIP MEETING

LOCATION: Gerardo's Restaurant

REGISTRATION & SOCIAL HOUR: 6:15 p.m.

DATE: May 16, 2007

SPEAKER: Rajesh Tahiliani

TOPIC: Quality Round Table

MEETING IS FREE FOR EVERYBODY (MEMBERS OR NON-MEMBERS) AND THE
SPEAKER STARTS AT 6:45 P.M.

If you want to eat, we start our social hour at 6:15 p.m.

DINNER COST: \$10.00

THE CHAIR SPEAKS

HECTOR LUGO

Alfonso Enriquez said, "A year ago during our science prize ceremony a guest, told him 'you should be proud of your Association, I have been to others and this one supports the young people outstandingly.' Delivering the prizes to the students this year was a delight, listening to the students' projects is awesome and challenging. We dedicated one minute of silence to those victims in Virginia Tech and had the opportunity to learn some comments from an alumni from that institution; our Webmaster Jack Vaughn. Science projects covered interesting areas such as; finding which medicine is best for an upset stomach, developing faster computer algorithm using Java Language."

Unfortunately I couldn't attend last meeting, but come to the May ASQ meeting to hear Rajesh explain his process for success in Quality courses at UTEP. I am sure that you are going to be left with something important to improve your life and the opportunity to

participate in the debate!

AUTOMOTIVE SECTION

HECTOR LUGO

I want to thank to all the participants in this article. After talking about Toyota for a while, we decide to concentrate this time in the changes in General Motors Company (GMC).

GMC is moving key personnel to be competitive; for example, Anne Asensio, the edgy French designer whose arrival from Renault SA in 2000 was hailed as a breath of fresh air, has left GM.

Asensio oversaw GM's brand character center, then headed the interior design group until becoming executive director of advanced design four years ago.

The company earlier this week named David Rand, head of North American interior design, to succeed her beginning August 1.

Also John Larson, general manager of its Buick, GMC and Pontiac brands, is stepping down to join an unidentified company outside the auto industry. He has headed those brands since January 2005.

See you at the meeting!

EDUCATION SECTION

Kim Pries

Where should we put our statistical process control (SPC) charts?

In many cases, I have seen manufacturing facilities locate their only SPC charts *after* the operation of interest. In short, we usually see an attribute chart based on the count of defects or similar measure. It is kind of like driving the car from the trunk.

It is much more powerful to locate and measure for SPC charts before or during the operation. In other words, measure the independent variables rather than the dependent variable. Additionally, variables-based, rather than attribute-based, charts yield more information—especially values like Cpk and Cp, which are commonly calculated incorrectly. Now, the operators have a chance to see the influence of the inputs on the output quality.

The step beyond SPC is Engineering Process Control (EPC). In EPC, the information from the control measurements is fed back into a comparator (decision-making function) with a gain (a multiplier,

usually approximately 0.40 [unitless]) to move the process value closer to the desire value. This approach does not constitute tampering, but, rather, a technique for improving the process.

First, implement rigorous SPC on independent variables and bring the process under control. Next, implement EPC on the same variables and really bring the process under control. Variables can be determined from designed experiments to provide maximum impact.

Just think about a process with no line drift!

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Remember that our section will have a conference locally—coming Fall of 2007!

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RE-CERTIFYING AND ASQ CERTIFICATIONS

STEVEN SCHAFER

Out of a total of 8 member(s) whose **certifications expired December 2006**, 3 will lose their certifications if they do not re-certify by the end of June 2007, 0 member(s) re-certification are being processed and 5 member(s) completed their re-certifications.

Out of a total of 8 member(s) whose certifications **will expire June 2007**, 7 will lose their certifications if they do not re-certify by the end of December 2007, 0 member(s) re-certifications are being processed and 1 member(s) completed their re-certifications.

Members can re-certify early! As long as you have enough points to re-certify early, you can. Your Certifications will be extended 3 years beyond the certification expiration date you currently have for your certification. So you don't lose anything by re-certifying early. Out of a total of 6 member(s) whose certifications will expire December 2007, 6 will lose their certifications if they do not re-certify by the end of June 2008, 0 member(s) re-certifications are being processed and 0 member(s) completed their re-certifications.

If anyone has questions on how to re-certify to extend their ASQ Certifications and/or how to synchronize them if they have more than one, please let me know. Re-certifying by exam now costs more money, since the prices went up January 2005 and is a lot more difficult than re-certifying. You can reach me, the Re-Certification

Chair, at 915-612-7392 during working hours and at 915-584-0033 after hours. Both numbers have answering machines and if I don't answer, I will call you as soon as I can. You can also reach me via the Internet at spikeguate@sbcglobal.net. I am ready to help with any questions you might have about Re-Certifying or about any ASQ Certifications you might have, call me. The Re-Certification Journal is at the following link and will guide you in the re-certification process <http://www.asq.org/certification/recertification/rucredits/index.html>.

POTENTIAL JOB?

Subject: Six Sigma Specialist Position - Referral Requested!
Date: Wed, 25 Apr 2007 11:20:23 -0700
From: mark@bobsearch.com
To: mark@bobsearch.com

Dear ASQ member,

We are an executive search firm retained by a premier aerospace components company in the South Central area of the US to find several Six Sigma Specialists. These unique, newly created positions are specifically targeting future leaders, and successful new hires in these roles can expect to be promoted to a functional leadership role (at the Director level) within 2-3 years.

We have identified you confidentially as someone we need to contact in connection with this search because of your contacts within ASQ. Please take just a moment to glance at the position description, which is pasted below. We recognize that many people we contact about new positions are not actively looking for something new. Please think of the people you know who might be interested in hearing about this outstanding opportunity. We are seeking individuals with some leadership or management experience, cross-functional experience, and some quality / lean and/or six sigma training. Please let qualified prospects know about the position by forwarding them a copy of this message, and let us know who you have in mind so that we can follow up in a very discrete way. Of course, if this is a fit with your background and you are open to exploring a change, please contact me and we will arrange to discuss this with you further.

Your attention and consideration are greatly appreciated.

Best wishes,

Mark Bregman

CEO

Boyle Ogata Bregman

17461 Derian Ave. #202

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SIX SIGMA SPECIALIST

Join this leading aircraft component manufacturing and repair company (located in the South Central US) as a Six Sigma Specialist (SSS), applying expert, specialized knowledge to lead and facilitate cross-functional teams using Six Sigma and lean methodologies for quality improvement. Your skills and knowledge will be put into action as you address these key objectives:

Training and Familiarization: During the first 90 to 120 days of employment, depending on your current level in Six Sigma, you will participate in expert Six Sigma training, achieve Black Belt status, become familiar with the company and its products, and develop an understanding of the organization, people, and processes.

Project Assignments: After the initial training and familiarization period, you will work on 3 to 4 simultaneous projects related to problem solving and issue resolution in several of the following areas: supply chain, Material Review Board (MRB), cost reduction initiatives, product change initiatives, process improvements, and SAP implementation.

Project Results: Working within cross-functional integrated project teams, the SSS will take a leadership role as a change agent, seeking significant tangible results aligned with project goals. This will include:

§ Developing solutions to complex or unusual problems that require considerable ingenuity and innovation relating to improving the effectiveness of operations and processes.

§ Applying DMAIC, Lean, Workout, and Change Acceleration (CAP) tools to identify and implement sustained solutions in accordance with Six Sigma principles.

Future Development: The SSS will work with senior management to identify areas of interest and capability for future leadership assignments. Note: This SSS position is specifically designed to progress to a leadership position at the Director level, within 2-3 years.

BACKGROUND AND EXPERIENCE:

Education: Bachelor's degree in a technical field preferred (industrial engineering, mechanical engineering, manufacturing engineering, etc.) or commensurate experience.

Experience, Knowledge, and Skills: 10+ years of management experience in manufacturing of aircraft components - ideally nacelles, thrust reversers, large engine assembly or structural components, airframes, (other types of products will be considered). Program or project management with direct manufacturing experience a strong plus. Must have proven track record of supervising/managing with increased responsibility in a manufacturing environment, most likely starting as an engineer/engineering leader. Well-rounded, multi-functional experience

desired, with a strong understanding of problem solving in manufacturing environments, supply chain issues, manufacturing flow, cost of goods sold, facilities, equipment, MRB, cost-reduction initiatives, and capital equipment utilization required. Customer relations experience is a strong plus. Six Sigma or lean training is a plus, but not required.

If you have strong leadership potential, and are creative, driven, and innovative, we want to hear from you.

Contact: Sharon Baker / sharonb@bobsearch.com / 949-474-3365

ANOTHER POTENTIAL JOB?

I'm Alex from Acro Service Corp. We are a consulting organization. Since its inception in 1982, Acro has been the preferred service provider to several Fortune 500 companies and government entities. For further information you could visit our website at www.acrocorp.com

We currently have a Contract Positions with Delphi Automotive in Lockport, NY for Reliability & Quality Engineer. Would like to know if you or anyone you know would be interested in these openings. My number is 734-437-9224 Extn. 503, my e-mail id is ajsingh@acrocorp.com.

Job Title: Reliability & Quality Engineer

Client: Delphi Automotive

Job Location: Lockport, NY, 14095

Job Duration: 6 Years

Job Description: Reliability Engineer: Provide global reliability engineering and problem prevention support following Delphi Thermal's Design for Reliability (DFR) and product development processes to product engineers. Provide expertise, coaching and mentoring in reliability engineering and customer-based engineering, statistical analysis and robust methodologies for Delphi Thermal managers, engineers, suppliers and customers. Design and development of test specifications used to facilitate product evaluation, development and verification/validation programs. Interpret/define customer requirements for product dependability (quality, reliability, durability and performance over time.) Facilitate engineering gold standard, change point, DRBFM, FMEA and functional analysis workshops. Support problem solving, failure analysis, reporting and corrective actions to the root cause level.

Candidate must possess a BS/MS in Reliability Engineering or related disciplines such as Statistics, Industrial, Mechanical, or Electrical Engineering, or Commensurate Experience.

Qualified individuals must be proficient in problem solving and application of probability and statistics to engineering projects. (DFSS or Six Sigma certification / experience a plus).

Possess a high level of computer skills.
Strong results orientation and work load management skills
A high level of communication skills
Interpersonal skills are required to work effectively with others.

Preferred Skills: Knowledge and experience in
Change Point Analysis, DRBFM, FMEA,
FRACAS, fault-tree, 5 Why analysis
Reliability life data analysis
Reliability growth modeling and management
Accelerated testing
Probability applications
Statistics- including design of experiments (DOE), correlation and
regression analysis.

Additional knowledge of Thermal Products: HVAC & Engine Cooling
Systems and New Markets design and performance a plus.

So if you would like to pursue this opportunity, please send me your
updated word format resume.
If you want any further information, feel free to contact me.

Thanks and Regards,

Alex
Technical Recruiter - Staffing Practice
Acro Service Corporation

www.acrocorp.com | E-Mail: ajsingh@acrocorp.com
Phone: 734-437-9224 Extn: 503 | Fax: 734-943-6118
Toll Free: 1-(866)-473-5071

Potential meeting and dinner schedule

MONTH	DAY	TOPIC	LOCATION
May 2007	16	Hospital Quality Management	
June 2007	20	Policy Quality Document	
July 2007		ASQ Section Officers training	EPCC ATC
August 2007		ASQ Section Officers training	EPCC ATC
September 2007			
October 2007	26	Quality Conference 2007 El Paso	Chair Joe; Publicity Alfonso Facility Hector

2005-2006 OFFICERS and COMMITTEE CHAIRS

Chair: Hector Lugo

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Re-certification Chair: Steven Schafer

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Refresher Classes Instructor: Hector Lugo

See above

SMP Chair: Jack Vaughn

Webmaster

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See above

Membership: Joe Lissberger

See above

Publicity Chair: Alfonso Enriquez
See above

Plans, Conferences, Programs: Alfonso Enriquez
See above

Business Student Section: Rajesh Tahiliani
See above

Our Section is on-line! Make a suggestion – win a FREE meal! <http://asq1401.org>