



Greater El Paso
Section

Amigo Quality

Volume 28 Number 1

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



MEMBERSHIP MEETING

LOCATION: El Paso Main Library
CONFERENCE START: 8:30 a.m. thru 5:15 pm
DATE: October 26, 2007
SPEAKER: [See brochure](#)
TOPIC: Quality Conference

Conference cancelled –
There were insufficient
registrants to justify the
expense of the
conference.

THE CHAIR SPEAKS

ALFONSO ENRIQUEZ

This month we have the honor to present Mike Nichols, current president of ASQ in our Quality Conference, Mike has been the director senior Master Black Belt in American Express Corporation. He is an expert in Six Sigma and Lean manufacturing, and has been consulted to predict the future trends on these areas.

Rudy Kittlitz, the Keynote speaker, has a wealth of experience in the use of statistical tools. Rudy has represented the United States in many international conferences on Quality Standards.

Ed Archuleta played a key role in bringing the expansion of the military in El Paso by explaining the water resources available in the region, an excellent speaker that will keep everybody's attention. We will also have the honor of listening to Dr. Diana Natalicio, she has countless awards in the field of Education and is leading UTEP to higher levels of Excellence.

A professional has to invest time in his (her) own development, if you are a professional in the quality area you can not afford to miss our Quality Conference in October 26.

AUTOMOTIVE SECTION

HECTOR LUGO

I want to be grateful to all people that are contributing to make possible this article and give us some idea where this industry goes. Based on the information received, the following is what is happening in China:

Sales of passenger vehicles rose 26% to 2.3 million units during the first half of 2007 vs. a year earlier; therefore, a prediction full year sales will reach 4.7 million vehicles vs. 3.7 million in 2006.

Among domestic automakers, Chery Automobile remains the sales leader, followed by FAW-Tianjin and Geely. Changan Auto has moved into the top 10 from 31st place last year.

Toyota posted the fastest growth (surprise?) among all OEMs: a 73% increase from a year earlier. Honda and Nissan followed with gains of 40% and 28%, respectively.

See you at the Conference!!!!!!

EDUCATION SECTION

Kim Pries

One of the problems with testing lies with the cost of large sample sizes. Simple pass/fail testing is really attribute testing, which would require sample sizes in the tens if the product has a high probability of failure or in the hundreds or thousands with low probabilities of failure.

We can use B vs. C testing to reduce sample sizes. For example, assume we have baselined our product with reliability demonstration testing (20-22 samples per test to get 90% reliability at 90% confidence), which in itself consumes much time and a lot of money. If the engineers make a change, do we have to use these large sample size again? The answer is NO! Compare a small sample of baselined (B) material against a small sample of the changed (C) material. If the change shows improvement, you can usually use a simple t-test to show the significance of the change in mean. Now we are talking sample sizes of 3-6 parts B and 3-6 parts C. If C is much better than B, we can use the Tukey end count method and get even better confidence in the results.

In other columns, we will discuss component search and variables search, two techniques that can also reduce the cost of testing!

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RE-CERTIFYING AND ASQ CERTIFICATIONS

STEVEN SCHAFER

Out of a total of 9 member(s) whose certifications expired June 2007, 4 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 5 member(s) completed their re-certifications.

Out of a total of 8 member(s) whose certifications will expire December 2007, 7 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 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 12 member(s) whose certifications will expire June 2008, 12 will lose their certifications if they do not re-certify by the end of December 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 spikequate@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 meeting and dinner schedule

YEAR	MONTH	DAY	TOPIC	LOCATION
Conference 2007	Cancelled October	26	<u>Quality Conference 2007 El Paso</u>	El Paso Main Library

2007	November	14	Résumés & interviews by Herb de la Rosa	TBD
2007	December	12	Choir	Jack's School
2008	January	16	El Paso's Future by Hispanic Chamber of Commerce	TBD
2008	February	20	Speak from Santa Fe on Auditing	TBD
2008	March	21	ASQ Regional Director	TBD
2008	April	16	NMSU on organization	Las Cruces (Mesilla)
2008	May	21	ASQ El Paso's Chair report & new chair	TBD
2008	June	21	Family Picnic	TBD

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