



Greater El Paso
Section

Amigo
Quality
Volume 28 Number 8

Welcome to the May 2008 issue of the Newsletter! Your local provider of information and learning opportunities related to quality professionals.

MEMBERSHIP MEETING

LOCATION: Holiday Inn Sunland Park
REGISTRATION & SOCIAL HOUR: 6:00 pm

DATE: May 21, 2008

SPEAKER: **Scott Tufts**

Vice President, Principal Scientist,
Research and Development Department,
Cardinal Health

TOPIC: **Bacterial Biofilms and their impact on human health**

MEETING IS FREE FOR EVERYBODY (MEMBERS OR NON-MEMBERS) AND THE
SPEAKER STARTS AT 7:00 P.M.

If you want to eat, we start our social hour at 6:00p.m.

DINNER COST: paid by each individual

SPEAKER BIOGRAPHY

Scott Tufts

Scott Tufts is Vice President, Principal Scientist with the research and development department of Cardinal Health. In this role, Mr. Tufts is responsible for directing the scientific and development efforts of major corporate technology initiatives, managing outside research partners and contract laboratories, and actively participates in the technical evaluation process of new product opportunities.

Mr. Tufts assumed this position after nine years of product development and engineering management roles with Cardinal Health. In his most recent role as Vice President, Business Development, Mr. Tufts was responsible for the identification, evaluation and in-licensing of new technology and product acquisitions. Other key responsibilities included directing new product development research, design and manufacturing

engineering activities, and process development and validation for the commercialization of ChloroPrep®, the Cardinal Health flagship product.

Previous to his tenure with the company, Mr. Tufts was an R&D Chemical Process Engineer, and then Product Development Manager for PPG Industries. In these roles he successfully commercialized new products to commercial aviation, potable water disinfection and consumer automotive market segments. He was also responsible for developing the unique synthetic soil technology in support one of the largest damage land reclamation project ever attempted.

Mr. Tufts holds a degree in chemical engineering from Lafayette College, Pennsylvania and has been awarded numerous product patents, with some currently pending. He is a member of the American Society of Microbiology, the Association for the Advancement of Wound Care and the American Chemical Society.

Mr. Tufts resides in El Paso, TX with his wife Maria.

THE CHAIR SPEAKS ALFONSO ENRIQUEZ

ASQ website offers a lot of information for members, from the very basic concepts such as variation (<http://www.asq.org/learn-about-quality/variation/overview/overview.html>)

Variation represents the difference between an ideal and an actual situation.

In 1924 Dr. Walter Shewhart developed a new paradigm for managing variation, as part of this paradigm he identified two causes of variation: common cause or noise variation, which is inherent in a process over time, and special cause or signal variation, which arises because of unusual circumstances.

When analyzing data of KWH, in order to find factors that affect the consumption of electricity, a set of data was presented, that showed a not so high correlation between KWH and power on.

The data included all shifts (3).

SPC concepts came at hand to provide an answer; Use rational subgroups in an X bar and R chart. We divided the data by shifts, and used the chart to identify assignable causes, and we calculated the correlation for each shift, the result was a higher correlation, as it was expected.

We invite all our members to visit ASQ website, and explore all the

resources available.

AUTOMOTIVE SECTION

HECTOR LUGO

Despite of Crude oil futures touched \$123.93 per barrel on the New York Mercantile Exchange then settled at a record \$123.53 a few days ago, Audi AG and parent Volkswagen AG are discussing the possibility of building a new plant in the U.S. together, CEO Rupert Stadler confirms.

Each company has disclosed its interest in opening a North American plant by 2010 to help offset the effect of the dollar's weakness against the euro. But Audi officials have said previously that the two wouldn't necessary open a plant together.

VW has confirmed that it has narrowed its site choices to Alabama, Michigan and Tennessee and expects to decide by mid-year. At theirs annual shareholder meeting, Audi also confirmed it is working with Japanese electronics maker Sanyo to develop a lithium-ion battery that could go into production in 2012 for use in hybrid vehicles.

Separately, two Porsche AG executives—CEO Wendelin Wiedeking and CFO Holger Haerter—were elected to Audi's supervisory board. VW CEO Martin Winterkorn was re-elected as Audi chairman. VW Chairman Ferdinand Piech, a major Porsche shareholder, also will join the board. Porsche owns 30.1% of VW and plans to raise that stake above 50%.

See you at the meeting!

EDUCATION SECTION

KIM PRIES

Structure versus Growth—are these ideas incompatible? In many cases these ideas are, in fact, incompatible. Many of the failures of programs such as Six Sigma, ISO 9000, Zero Defects, etc. are potentially attributable to the imposition of structure while ignoring the internal forces involved in the enterprise of interest. I have personally seen a manager in the distant past impose a product development structure on an organization while securing “buy-in” from only 4-5 individuals. Over the years, this crystalline structure has

largely failed as I would expect to occur with most crystals—they lack the flexibility needed to deal with reality.

Growing a solution has the defect of taking time. However, a grown solution has the benefits of ownership, flexibility, tailoring, and, usually, the results of experimentation. Moreover, growing a solution honors our own experience. Some major corporations such as Capital One, for example, not only have grown their solution but continue a non-stop campaign of evolutionary development, removing the results of failed experiments and benefiting from the successful ones. They grow faster than their competition; in essence, Capital One is a complex adaptive system.

In some cases, it may make sense to review the structural approaches for ideas so that we don't "reinvent the wheel." But, it would seem wise to remember that intrinsic assumptions of these approaches may not meet the needs of the enterprise. In short, before suffering yet another bout of program-itis, it would make sense to examine the proposal from the benefit of our own experience.

===== O =====

Mr. Lugo

Currently, Lockheed Martin, TARS program has a position open for Quality Control Technician in Yuma, Arizona. TARS stands for Tethered Aerostat Radar System, which monitors the air traffic of the southern border and transmits this information to our customers. As a fellow ASQ member, I wanted to communicate this opportunity to the local ASQ chapter in Arizona. In the event someone in your section is interest, they may fax their resume to our Human Resources Representative. Ms. Tina Kehoe at (757) 558-2355 or apply on-line at http://www.lockheedmartinjobs.com/jobsearch_all.asp. If you should have any questions, you may contact me at (757) 558-2318 or Tina Kehoe at (757) 558-2303.

Req ID
73820BR

Industry Job Title
Quality Control Analyst Asc

Required skills

Associate's Degree
Two years Quality experience

Desired skills
ES&H experience

Specific Job Description
EDUCATION REQUIREMENTS:

Associate's Degree or two years equivalent military or commercial experience is required.

EXPERIENCE:

Two years experience in QC/QA, including one year in safety related assignments is highly desirable; three years experience in communications-electronics or electro-mechanically related operations and maintenance assignments highly desirable; TARS operations, maintenance and support experience highly desirable; familiarity with Air Force inspection and reporting process is required; good verbal and written communications skills required; computer literacy is required; English language required.

RESPONSIBILITIES:

Responsible to TARS Quality Supervisor and Site Manager to:

- Implement, oversee and enforce the TARS Quality Control Management System Plan.

 - Provide Quality Awareness and Quality Process Training.

 - Perform, document, report and follow up to ensure corrective action for all deficiencies noted during site QC inspections.

 - Schedule, conduct and document internal quality audits, inspections, and proficiency evaluations.

 - Function as site ES&H representative.

 - Coordinate and track site specific QAE inspection deficiencies.

 - Perform site level trend analysis in coordination with SM and TARS QC Supervisor.

 - Maintain site technical order and publications library.

 - Ensure AF Form 95 and Aerostat Flight Summary historical records are maintained.

 - Augment flight crew as required.

 - Completely understand emergency operation procedures

and ensure procedures are followed.

Be capable of bending at waist, squatting and crawling, and climbing ladders and towers while working around the mooring system; be capable of working outdoors in high heat, humidity, as well as winter cold and rain; and be capable of working in close tight quarters.

Maintain Flight Monitor certification. (420K only)

Hold valid driver's license.

Support Site Manager on day to day activities.

Use personal protective equipment when required.

Standard Job Description

Tests raw material, chemicals, and/or finished product to quality controls to ensure compliance with quality standards and applicable government regulations. Establishes and implements testing and inspection procedures. Audits testing results to determine if product specifications are met. Advises operating units on quality control standards for raw materials, chemicals, packaging materials, and finished products. Recommends corrective action where necessary and develops plant quality control manuals.

Security Clearance

None

Typical Minimums

Bachelors degree from an accredited college in a related discipline, or equivalent experience/combined education. Entry level.

LMCareers Business Unit
ESS0160 MISSION SERVICES

Business Area
Info & Technology Services

Program
TARS

Department
5043024:TARS (OS)

Job Class
QA/Test and Inspection

Job Category

Experienced Professional

State
Texas

Virtual
No

Relocation Available
No

Req Type
Full-Time

Direct/Indirect
Direct

Shift
First

Paul Casano
TARS Quality Supervisor
ASQ-Certified Quality Auditor (CQA)
Lockheed Martin Mission Services
3601 Koppens Way
Chesapeake, Virginia 23323
Ph # (757) 558-2318
Fax # (757) 558-2305
Email paul.casano@lmco.com

RE-CERTIFYING AND ASQ CERTIFICATIONS

STEVEN SCHAFFER

Out of a total of 8 member(s) whose certifications expired December 2007, 3 will lose their certifications if they do not re-certify by the end of June 2008, 1 member(s) re-certifications are being processed and 4 member(s) completed their re-certifications.

Out of a total of 11 member(s) whose certifications will expire June 2008, 9 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 2 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 15 member(s) whose certifications will expire December 2008, 15 will lose their certifications if they do not re-certify by the end of June 2009, 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 meeting and dinner schedule

YEAR	MONTH	DAY	TOPIC	LOCATION
2008	June	21	Family Picnic	TBD
2008	July	??	Executive Committee Meeting 1	
2008	August	??	Executive Committee Meeting 2	

2007-2008 OFFICERS and COMMITTEE CHAIRS

Chair: Alfonso Enriquez
 Work Phone: (915) 787-6077
 Fax: (915) 787-4258
 e-mail: ponchisenriquez@aol.com

Past Chair: Hector Lugo
 Work Phone: (915) 298-2436
 Fax: (915) 298-2633
 e-mail: h7tetor@hotmail.com

Vice Chair: Fernando Urbina
 Work Phone: (915) 845-7700 x6809
 Fax: (915) 845-7786
mailto:furbina@sewsus.com

Treasurer: Miguel Vargas
 Work Phone: (575) 874-2000

Home: (915) 875-1992
e-mail: miguel.vargascortes@gmail.com

Secretary: Lisandra Piper
Work Phone: (915) 849-3739
e-mail: lpiper@hacep.org

Education: Kim Pries
Home Phone: (915) 525-1724
Fax: Unavailable
e-mail: jpries1@elp.rr.com

Re-certification Chair: Steven Schafer
Work Phone: (915) 612-7392
Fax: Call (915) 612-7392 for Fax #
e-mail: spikeguate@sbcglobal.net

Refresher Classes Instructor: Hector Lugo
See above

SMP Chair: Jack Vaughn
Webmaster
Work Phone: (915) 747-7750
Fax: (214) 240-1072
e-mail: jvaughn@utep.edu

Certification/Examining: Joe Lissberger
Work Phone: (915) 831-2892
Fax: (915) 822-1869
e-mail: jlissber@elp.rr.com

Advertising: Alfonso Enriquez
Work Phone: (915) 787-6077
Fax: (915) 787-4258
e-mail: ponchisenriquez@aol.com

Auditing: Rajesh Tahiliani
Work Phone: (915) 747-7752
Fax: (915) 747-5126
e-mail: RTahiliani@utep.edu

Newsletter: Kim Pries
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>

Class schedule



Please be aware that we are going to start the COE refresher course ***on March 15*** at El Paso Community College, Valle Verde Campus, Advance Technology Center building, room # 101 at 8:00 AM. You need to bring your check issued to ASQ1401 Greater El Paso Section for \$250.00 to register you officially in the class.

May 2008

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3 COE classes 

4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21 Member Meeting 	22	23	24
25	26	27	28	29	30	31

June 2008

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5 ASQ Exams  7:30 am
6	7	8	9	10	11	12
13	14	15	16 Member Meeting 	17	18	19
20	21	22	23	24	25	26
27	28	29	30			