

 <p>Greater El Paso Section The Global Voice of Quality™</p>	<p><i>Amigo Quality</i> Volume 38 Number 1</p>
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Welcome to the October 2017 issue of the Newsletter, your local provider of information and learning opportunities related to quality professionals.

Membership Meeting

DATE: Wednesday, October 18, 2017

SCHEDULED TIME: 6:30 P.M to 8:00 PM

LOCATION:

Dish Network
1285 Joe Battle Dr.
El Paso, TX 79936

Speaker Name:	Mr. Carlos Caro	
Speaker Topic:	Lean Simulation Training	
Speaker Title:	Dish Network Manufacturing's Operational Excellence Manager	

Leadership Council Meeting

Saturday, November 4, 2017 from 9:00 AM – 11:00 AM

United Blood Services

THE CHAIR SPEAKS

SERGIO R. VEGA

Greetings to all our Quality Professionals!

Thank you very much to all those members and guests that had an opportunity to attend Mr. Paul Cross, Assistant Chief of El Paso County

Sheriff's office and how he talked about the Quality Control measures that Law Enforcement uses for Policing and Risk Management. It was indeed a very interesting presentation.

Below is a picture of the appreciation recognition that was given to Mr. Paul Cross:



This month we are excited to announce that we will be meeting at Dish Network's Manufacturing Center, 1285 Joe Battle Blvd., as Mr. Carlos Caro, Operational Excellence Manager, will present a "hands on" Lean Simulation Training that we know all of you will enjoy. Please keep in mind that this is a manufacturing environment set up and proper safe attire is required (no sandals, no open shoes, no loose fitting attire please!)

And once again, please don't forget to mark your calendars and make plans to attend our yearly local section ASQ Christmas dinner, scheduled for Saturday, December 2 at Carlos & Mickey's on the Eastside of town (12111 Montwood Dr., a block away from Montwood High School)

As always, I once again, ask you to please promote our local ASQ chapter to as many people as possible to co-workers, friends, relatives, students, etc. Thank you very much!

Hope you can all make it next week on Wednesday, October 18!

Sincerely yours,

Sergio R. Vega

Chair, ASQ Greater El Paso Section 1401

AUTOMOTIVE SECTION

HECTOR LUGO

Thank you to all members participating with their input to this section and the "winner" is: House of Representatives approved the Self-Drive Act (H.R. 3388, formally known as the "Safely Ensuring Lives Future Deployment and Research in Vehicle Evolution Act").

The House legislation also includes a separate provision that calls for NHTSA to develop a rule within two years requiring new vehicles to be equipped with an alarm, which alerting drivers to check rears seats after a vehicle stops.

When do you think this is here to stay?

See you at the meeting!

EDUCATION SECTION

KIM PRIES

So how do students and trainees *really* learn? It would seem doing "drill and kill" with abstractions just simply doesn't take very well. Trainees may have an advantage in that they often are able to put their new skills to use quickly after they learn the skill; hence, they reinforce what they learned quickly, which helps to dampen the effects of the forgetting curve.

Another issue is called "differentiation," which occurs when we treat people as individuals rather than fungible entities. To do this, our approach must be adaptive. How many of us have seen lame computer training programs that run everybody through the identical set of slides and cheesy

text. Yet, nearly all games are adaptive, changing to match the fortune of their players.

Six Sigma training is often presented as a “sage on the stage” production with the lack-of-entertainment provided by the content expert. Wouldn’t it make more sense to take everyone out to the floor and look at a real problem, especially if we are working on designed experiments?

Speaking of experiments...isn’t that how most of us really learn? Yet, I suspect many readers would be surprised to see how averse high school students are to be experimenting their way to success. I teach computer science, where failure is a daily reality. Students get frustrated trying to code solutions, especially when they can’t find a nice little canned solution on the World Wide Web.

In the education business, which includes most training, managers seem enamored of what I call “programs.” The vendors of these programs love this stuff as a pathway to transformation and then ride off into the sunset. Why not increase our failure rate and experiment ourselves into success—then we end with a solution tailored to our specific needs rather than a one-size-fits-all non-solution.

Thus: experiments → failures → learning → success!

Check it out!

MANAGEMENT SYSTEMS

ALFONSO ENRIQUEZ

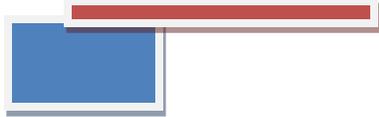
The Root Cause after several whys...

We wanted to reorganize the layout of a production area in order to improve housekeeping, and contribute to improve quality.

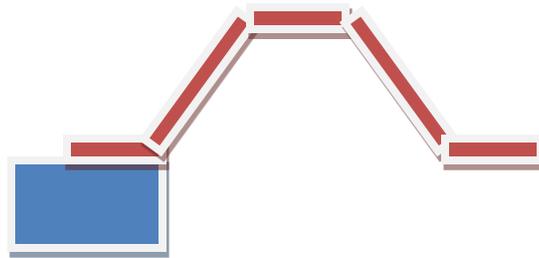
This is an extrusion process where a plastic profile is joined to a nonwoven fabric (also plastic). This is a continuous process where the strip moves along several steps of the process.

When we rearranged the machines in the process line, we saw the need to pass the stock over one of the machines; we just mounted a pipe and passed the product through it. But, we created a problem, the speed was reduced, and it could create a quality problem later.

Before:



After:



Why was the speed reduced? Because: there is friction between the stock, and the pipe.

What happens to the kinetic energy? It transforms into heat according to the first law of thermodynamics, but why?

I found this in the book from Boreasi¹: “James P. Joule: I have lately proved experimentally that heat is evolved by the passage of water through narrow tubes...being satisfied that the grand agents of nature are, by the Creator’s fiat, indestructible, and that whenever mechanical force is expended, an exact equivalent of heat is always obtained.” Q.E.D.

¹Boreasi A.P and Schmidt R.J, “Engineering Mechanics: Dynamics”, Brooks/Cole 2001.

RE-CERTIFYING AND ASQ CERTIFICATIONS

STEVEN SCHAFFER

Out of a total of 6 member(s) whose certifications expired December 2016, 1 lost their certifications.

Out of a total of 8 member(s) whose certifications will expire June 2017, 3 will lose their certifications if they do not re-certify by the end of December 2017, 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 2017, 7 will lose their certifications if they do not re-certify by the end of June

2018, 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 you can re-certify as early as six months before your certification expires. 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. Remember, you can only claim points that you have accumulated up to the time you submit and these points need to be collected during your 3 year certification period. Out of a total of 8 member(s) whose certifications will expire June 2018, 8 will lose their certifications if they do not re-certify by the end of December 2018, 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 costs more and is a lot more difficult than re-certifying through the accumulation of RU points. You can reach me, the Re-Certification Chair, at 915-241-4780 or (501) 615-8170. Please leave a message on the answering machine if no one answers and I will call back 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 <https://asq.org/cert/recertification>

When re-certifying, **always get the most recent Re-certification Journal information.** The lasted Re-Certification Journal is April 2017. For ASQ members the fee for one certification is \$69.00 and for two or more \$89.00; for non-members the fee for one \$109.00 and for two or more \$109.00 each).

Members who **renew their membership early online** will receive a **coupon code: RCRT in which \$69.00 will be deducted off their recert fees.**

Projected Events

2017	Month	Date	Day	Topic – Speaker	Location
	Oct	18	Wednesday	General Membership Meeting / Lean Simulation Training	Dish Network 1285 Joe Battle Blvd. El Paso, TX 79936
	Nov	4	Saturday	Leader Committee Meeting	United Blood Services 424 S. Mesa Hills Dr. El Paso, TX 79912
	Nov	15	Wednesday	General Membership Meeting	UTEP's Mike Loya Center UTEP Campus
	Dec	2	Saturday	ASQ Local Chapter Christmas Dinner	Carlos & Mickey's 12111 Montwood Dr. El Paso, TX 79936

2017 Officers/Committee Chairs

<p>Chair: Sergio R. Vega Work Phone: (915) 860-6257 Cell Phone: (915) 276-1130 e-mail: sergio.vega@dish.com</p>	<p>Internet Liaison: Jack Vaughn Home Phone: (915) 594-6662 Cell Phone: (915) 549-2014 e-mail: jvaughn@utep.edu</p>
<p>Vice Chair: Jose Luis Torres Phone: (915) 799-2432 e-mail: joseluis_td@yahoo.com</p>	<p>Newsletter: Kim Pries Home: (915) 525-1724 e-mail: jpries1@elp.rr.com or khpries@gmail.com</p>
<p>Treasurer: Keith Fong Home Phone: (915) 351-7535 Work Phone: (915) 612-7147 e-mail: fongk@asme.org</p>	<p>Publicity Chair: Fernando Urbina Email: furbina@sewsus.com</p>
<p>Secretary: Mark Aldred E-mail: Mark.Aldred@Harris.com</p>	<p>Refresher Classes/Workshops Chair: Hector Lugo Phone: (915) 208-2502 Home Phone: (915) 581-8091 e-mail: h7totor@hotmail.com</p>
<p>Membership: Joe Lissberger Home Phone: (915) 821-3767 e-mail: jflissber HYPERLINK "mailto:jflissber@att.net" HYPERLINK "mailto:jflissber@att.net" HYPERLINK @att.net or Joe83lissber@gmail.com</p>	<p>Business Student Section: Work Phone: e-mail:</p>
<p>Nominations Chair: Dan Fenton Mobile Phone: (915) 549-6266 e-mail: danfenton@gmail.com</p>	<p>Partners In Education: Joe Lissberger Home Phone: (915) 821-3767 e-mail: jflissber@att.net or Joe83lissber@gmail.com</p>
<p>Auditing: Rebeca Diaz Mobile Phone: (915) 321-0279 e-mail: rkgomez@yahoo.com</p>	<p>Asst Newsletter/Recert Chairman: Jack Vaughn Home Phone: (915) 594-6662 Cell Phone: (915) 549-2014 e-mail: jvaughn@utep.edu</p>
<p>Education: Alfonso Enriquez Work Phone (915) 231-4571 e-mail: alfonso.enriquez@att.net</p>	<p>Recertification Chair: Steven Schafer Home Phone: (915) 241-4780 e-mail: spikequate@sbcglobal.net</p>