

# The Quality Times

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**Volume 56**

**March 2005**

**Number 6**

## Data Analysis using Graphical Techniques

**Speaker: Mike Mazu**

ASQ Region 9 Director

Technical Specialist, ALCOA, Newburgh, IN

**Pre-Clinic:** 6:00 PM ASQ 1 year Later  
**Dinner:** 6:30 PM Meal Cost: Pay Restaurant  
**Program:** 7:30 PM

**Wednesday, March 16, 2005 6:00 PM**

**About the Program:** Today engineers have to be concerned about identifying manufacturing problems and identifying areas for improvement. Decisions about the process cannot be made without analyzing data collected from the process. The analysis of the data is easy but the interpretation of the analysis is not an easy task. The formal physical methods require a good understanding of the theory associated with the methods if valid conclusions are to be drawn from the analysis. In many cases, the engineers do not have this understanding. In other cases, the formal approach is very complex.

The purpose of this presentation is to discuss and review some graphical techniques that can be used by engineers to aid in their data analysis. Graphical techniques are informal methods that can yield a great variety of information, much of which is difficult to obtain with the formal statistical procedures.

**About the Pre-Clinic:** Mike Mazu will speak on the state of ASQ, the changes that have occurred in the last year, and what he sees ahead.

**About the Speaker:** Mike Mazu, Regional Director of Region 9 of ASQ, will be the featured speaker this month. Mr. Mazu is an ASQ Fellow, and Technical Specialist in Statistical Methods, at ALCOA Corporation, Newburgh, IN. He has published many papers and given many talks in his career on numerous Quality subjects. More - page 6.

**Program Extra:** Mike Puhl, Senior Process Engineer at Saint-Gobain Containers, in Dunkirk, will do a 10-minute thought-starter on a special feature in Excel. Whether you are an Excel user, or not, this will be a good lesson on how to handle data. We are experimenting with making this type of presentation a part of our meeting and posting similar information on the website. Let us know your thoughts and questions on Excel.

Meeting will be held at:

### Sirloin Stockade

4949 W. Hessler Rd., Muncie, IN Phone:(765) 287-9051

**Bad Weather! – Call the Restaurant Directions on Page 4**

**RESERVATIONS: Not Required - Pay the Cashier as you enter**

# Section Information:

## 2004-2005 Section Officers

<b>Section Chair &amp; Publicity Chair</b>	<b>Mike McDonald</b> Michael L. McDonald & Asso., Anderson, IN (765) 644-0690 MLMcData@aol.com
<b>Chair-Elect, Program &amp; Certification Chair</b>	<b>Steve Zylka</b> Document Control Coordinator/Lead Auditor MTI, Muncie IN (765) 286-1980 ext 238 jzylka@sprynet.com
<b>Secretary</b>	<b>Henry Peresie</b> ICR Integrating Innovations Kokomo, IN (765) 432-5138 peresieh@comcast.net
<b>Treasurer, Education, Scholarship &amp; Examining Chair</b>	<b>Steve Scott</b> Duffy Tool, Muncie, IN (765) 741-0243 <a href="mailto:sscott@duffytool.com">sscott@duffytool.com</a>
<b>Newsletter Editor &amp; Web Page</b> <a href="http://www.asq904.org">www.asq904.org</a>	<b>Bob Cooper</b> 3M, Hartford City, IN 765-348-3200 ext. 240 <a href="mailto:editor@asq904.org">editor@asq904.org</a>
<b>Immediate Past Chair, Placement &amp; Nominating Chair</b>	<b>Rhonda Goss</b> FCC Portland, Portland IN (260) 997-6293 rrgoss@insightbb.com
<b>Membership &amp; Arrangements</b>	<b>Henry Peresie</b> ICR Integrating Innovations Kokomo, IN (765) 432-5138 peresieh@comcast.net
<b>Audit &amp; SMP Chair</b>	<b>Chuck Darger</b> Munson Motors (765) 284-4439 <a href="mailto:cdarger@comcast.net">cdarger@comcast.net</a>
<b>Re-Certification</b>	<b>Vicki Storer</b> Ward Corporation (260) 426-8700 v.storer@insightbb.com
<b>Region 9 Director</b>	<b>Mike Mazu</b> ALCOA (812) 853-4896 pmazu@adelphia.net

[www.asq904.org](http://www.asq904.org)

## Section 0904 Calendar

2004 – 2005

September 15	Dinner & Program
September 20	Board Meeting
October 16	Certification Exams
October 20	Dinner & Program
October 25	Board Meeting
November 17	Dinner & Program
December 4	Certification Exams
December 15	Tour: Keihin
January 7, 05	Deadline: March Cert. Exam
January 19	Dinner & Program
January 24	Board Meeting
February 16	Dinner & Program
February 21	Board Meeting
March 5	Certification Exams
<b>March 16</b>	<b>Dinner &amp; Program</b>
March 21	Board Meeting
April 1	Deadline: June Cert Exam
April 20	Dinner and Program
April 25	Board Meeting
May 18	Dinner & Program
May 23	Board Meeting
June 4	Certification Exams
June 11	Officer Training - Indy

## Advertise in The Quality Times

- Support Section 0904
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### Ad Rates

	Approximate Size	Cost per Year
Full Page	7.5" x 10"	\$320
Half Page	7.5" x 5 "	\$210
Quarter Page	3.5" x 5"	\$110
Eight Page	3.5" x 2.5"	\$60

Contact:

The Newsletter Editor: Bob Cooper

## Chat from the Chair:

Hello Again! After last month's long detailed column, I owe you a shorter one. I will not step off of the soap box completely, but I have found a shorter box . . .

This month's program will feature Mike Mazu. See the front page of this newsletter for information on Mike's Pre-clinic and Main Meeting topics. Mike has a long and valuable career serving his employers, ASQ, and ASQ Members. In June, Mike will end his leadership duties as Regional Director of Region 9 of ASQ. Thank you, Mike, for all your service thru the years! For more information on Mike's continuing contributions go to <http://www.asq904.org/Mar2005.htm>. Be sure to come and hear Mike's presentations. You will definitely receive a better understanding of both ASQ and data usage at this meeting.

Mike Puhl, who did the November Pre-clinic on Excel, will do a 10-minute thought-starter on a special feature in Excel. We will fit his presentation in as part of the business meeting. Whether you are an Excel user, or not, this will be a good lesson on how to handle data. We are experimenting with making this type of presentation a part of our meetings and posting similar information on the website. Let us know your thoughts and questions on Excel.

In March, ASQ members will receive a ballot to vote on a restructuring of the ASQ Board of Directors at headquarters. It is important that you make your desires heard by voting. ASQ has continued to move away from their roots of the sections being the main connection to members. ASQ-HQ is putting more emphasis on the Divisions, Seminars, contracts with outside organizations, and other profit and training ventures. And as you have noticed, they continue to raise member dues well beyond inflation adjustments.

Further, information I have received from someone who is a close observer of ASQ-HQ states:

*"The rationale is that the Board needs to be more agile. I don't recall this being a problem when the issues were well thought out. The delays arose when the Board members (often the Regional Directors) raised some issues that needed more work and due diligence. The new member model is one of those.*

*One proposed change is the number of Board modifiable by-laws. Currently, the members must approve significant changes to the ASQ governance. With the proposed change many of these will be "Board Modifiable". This means the 4 person Office of the President can propose the changes to the Board, get them passed with no input from the members other than the Board.*

*Another proposal is a reduced Board size. Currently there are 32 members with 15 RD's representing Sections, 6 representing Divisions, 4 National Directors, 8 Office of the President. The new allocation is 6 RD's (-9), 6 Divisions (no change), 4 National Dir (no change), 4 Oops (-4). The section representation takes the biggest hit. (9 of 32 vs. 6 of 20). We will still have 15 RD's but only 6 will have a voice on the Board. These will be selected by the 15 RD's."*

More information should be coming from HQ, along with the request for you to vote on the changes, briefly mentioned above.

Well, that was a little shorter. Remember to vote! See you at the meeting March 16.

Michael L. McDonald  
ASQ904 Section Chair 2004-2005

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### ASQ Section 0904 Scholarship:

The Leadership Committee of Section 0904 is implementing a scholarship in the name of Halmond Parks, the founder and first Chair of Section 0904 in 1949. The scholarship will be in the amount of \$500.00 for a graduating high school senior from the Section 0904 geographic region. I would like to ask all members to consider donating \$5.00 to the scholarship fund. If every member of the section donates \$5.00 we will be able to fund this worthwhile project. To donate send a check payable to ASQ Section 0904 to :

ASQ Section 0904  
P.O. Box 3147  
Muncie, In. 47302

Steve Scott – ASQ Section 0904 Treasurer and Scholarship Chair

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**Directions to Sirloin Stockade:**

**From Muncie:** Follow McGalliard Road. (SR 332) West to Morrison Road. Landmarks: Wal-Mart and Lowe's on your left. The Sirloin Stockade is behind the Village Pantry on your right. Turn North (RIGHT) onto Morrison. Road Construction has changed the Sirloin Stockade entrance. Turn LEFT just north of the Village Pantry. Turn LEFT again then straight into the Sirloin Stockade parking lot.

**From Anderson:** Follow I69 North to SR332 (Exit 41). Follow 332 into Muncie. Turn LEFT onto Morrison Road.

**From Marion:** Follow I69 South to SR332 (Exit 41). From there it's the same as the Anderson instructions.

**From Richmond:** Follow US35 North to the Muncie Bypass (SR3 & US35). Follow the Bypass North to the first traffic light and turn LEFT on McGalliard Road (SR332). Follow the Muncie directions.

**From Hartford City:** Follow SR3 South to the Muncie Bypass and continue to the first traffic light (McGalliard Road). Turn RIGHT on McGalliard Road (SR332). Follow the Muncie directions above.

**From Portland:** Follow SR67 South to the Muncie Bypass (SR3 & US35). Continue south to the first traffic light (McGalliard Road). Turn RIGHT on McGalliard Road (SR332). Follow the Muncie directions above.

**Welcome New Members:**

**Bradley Bannister – Diamond Plastics**  
**Carl Schultz – Metaldyne**

**Free Meal Offer:**  
 Get a free meal at an ASQ meeting! Bring a guest and if that person joins ASQ Section 904, your dinner at the next meeting will be free. Membership forms will be available at all meetings.

**Henry Peresie – Membership Chair**

**Summary of February 2005 Meeting**

Twenty-nine Quality Professionals and guests attended to hear Kenny Heifner reveal the keys to successful Team Development. Rhonda Goss and Steve Zylka's preclinic helped us with our auditing skills.

Rhonda Goss won the "Handbook of Quality Management " provided by Quality America.



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## **Certification Exams** **- given at Ivy Tech**

Our Section proctors the ASQ Certification exams given in the East Central Indiana area.

**Ivy Tech Muncie Campus**  
**North Building - Room 533**  
**4301 South Cowan Road**  
**Muncie, IN 47302**

Contact Steve Zylka for more information.  
Our website has a map

Future exam dates and deadlines:

**CQT, CMI, CRE, CQManager,**  
**CQA-Biomedical, SSBB**

**March 5, 2005** (January 7, 2005)  
**October 22, 2005** (August 19, 2005)  
**March 4, 2006** (January 13, 2006)

**CQE, CQA, CSQE, CQIA, CCT**

**June 4, 2005** (April 1, 2005)  
**December 3, 2005** (October 7, 2005)

**Did you Know?**

Our section has a Web Page

[www.asq904.org](http://www.asq904.org)

Check it out!

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Quality America donates the quality handbooks we give as door prizes at each meeting.

## About our Speaker: Mike Mazu - ASQ Fellow and ASQ Region 9 Director

### EMPLOYMENT:

- 1996 - Present Technical Specialist - Statistical Methods, ALCOA Corp., Warrick Operations, Newburgh, IN
- 1987 - 1996 Senior Staff Statistician, ALCOA Corp. , Warrick Operations, Newburgh, IN
- 1985 - 1987 Statistician, Memory Products Division, The Stolle Corporation, ALCOA Subsidiary
- 1983 - 1985 Manager Statistical Methods and Process Control, Tire Group, B.F. Goodrich Co.
- 1978 - 1983 Senior Quality Development Engineer, Tire Group, B.F. Goodrich Co.

### RESPONSIBILITIES:

- Aid engineers in optimizing processes through statistics.
- Design statistical studies to aid engineers to control and improve current processes.
- Design and implement computer programs to assist in data acquisition and analysis.
- Develop and instruct training programs in SPC, statistics and design of experiments.
- Aid engineers in designing sampling programs to control production processes.
- Provide statistical consultation to plant management.

### EDUCATION:

- 1971 - B.S. Mathematics, University of Akron
- 1977 - M.S. Statistics, University of Akron

### HONORS:

- Fellow of American Society for Quality
- Listed in Strathmore's Who's Who
- Listed in Who's Who in the Midwest
- Listed in Who's Who of Contemporary Achievement
- Technical Achievement Award, Tri-State Council For Science and Engineering (1992)

More information on our Web Site



**Section 0904 achieved the Total Quality Level  
in ASQ's Section Management Program  
in 2001- 2002 and 2002-2003**

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**Future Programs:**

**April 20:**  
**"Senior Management's Role"**  
 Speaker: Gregg Notestine

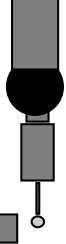
**May 18:**  
**"Six-Sigma in Government"**  
 Pre-Clinic: "5S Project SGCI Dunkirk" - Ken Mohre

**Certification Exam Pass List**

**Exam Date: 10/16/2004**  
 Michael S. Derry CQM  
 Paul Richard Ankenbruck CSSBB  
 Sean K. Hoefler CSSBB  
 Brian T. Winslow CQT

**Exam Date: 12/04/2004**  
 Michael S. Derry CQA  
 Rick Chaplin CQA  
 Robert F. Arnold CQE  
 Troy L. King CQE  
 Kevin S. Largent CQE  
 Donna R. Hawes CQE

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## Section Newsletter



**ASQ**

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**Section 0904  
East Central Indiana**

**Founded: 1949**

55 Years of Quality in East Central Indiana

### **What's Inside:**

**1. Membership Meeting Notices**

*Wednesday,*

*March 16, 2005*

**" Data Analysis using  
Graphical Techniques "**

**Speaker: Mike Mazu**

**2. Directions to the Meeting**

**3. List of 2004-2005 Officers**

**4. Section Calendar 2004-2005**

**5. Certification Pass List**

*Printed by Hiatt Printing, Muncie, IN*