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Section 0904
East Central Indiana
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Volume 56

October 2004

Number 2

**Know the (un)certainty within your CMM using a
\$10 calculator...**

Speaker: Richard Clark

CMM Technology, Inc

Pre-Clinic: 6:00 PM "Test of Exceedance" Mike McDonald
Dinner: 6:30 PM Meal Cost: Pay Restaurant
Program: 7:30 PM

Wednesday, October 20, 2004 6:00 PM

About the Program:

Know the uncertainty: Not an oxymoron

Common myths and misperceptions

Why we need it (in the real world)

True value? Unknown and unknowable

Sigma and the Histogram

What does standard deviation really mean?

A sample of "honest" data

Standard deviation of the standard deviation

Collecting data

Prepare and program

Communication

Feedback

Know what is Trump

Evaluating the CMM measurement

What the data is and isn't telling us

Plan Do Check Action

Example case studies

Probe calibration certainty

Exposing the myth of "True" Position

The great circle controversy

Algorithms: What you can't afford not to know about your software

About the Speaker: Richard Clark has worked in the field of precision measurement and calibration for nearly a decade. He has designed and implemented industrial measurement control and assurance systems for ISO-9000, QS-9000, and TS-16949 facilities. He also works (in a consulting format) as a CMM Software trainer for CMM Technology, Inc.

About the Pre-Clinic: Michael L. McDonald will present the 'Test of Exceedance' in the pre-clinic. The 'Test of Exceedance' is a simple, graphic technique used to determine significant difference between groups.

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:

2003-2004 Section Officers

Section Chair & Publicity Chair	Mike McDonald Michael L. McDonald & Asso., Anderson, IN (765) 644-0690 MLMcData@aol.com
Chair-Elect, Program & Certification Chair	Steve Zylka Saint-Gobain Glass, Dunkirk, IN (765) 768-5256 Stephen.H.Zylka@saint-gobain.com
Secretary & Placement	Steve Harmeyer GMPT, Bedford IN (812) 279-7393 steven. harmeyer@gm.com
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Newsletter Editor & Web Page www.asq904.org	Bob Cooper 3M, Hartford City, IN 765-348-3200 ext. 240 editor@asq904.org
Immediate Past Chair & Nominating Chair	Rhonda Goss FCC Portland. Portland IN (260) 997-6293 rrgoss@insightbb.com
Membership & Arrangements	Henry Peresie Thomson Consumer Electronics Marion, IN peresieh@comcast.net
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Re-Certification	Vicki Storer Ward Corporation (260) 426-8700 v.storer@insightbb.com
Region 9 Director	Mike Mazu ALCOA (812) 853-4896 pmazu@adelphia.net

www.asq904.org

Section 0904 Calendar

2004 – 2005

September 15	Dinner & Program
September 20	Board Meeting
October 1	Deadline: Dec. Cert Exam
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 21	Board Meeting
February 16	Dinner & Program
February 21	Board Meeting
March 5	Certification Exams
March 16	Dinner & Program
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

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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:

In the September 15, ASQ904 member meeting we had 3 fine speakers. George Strodbeck, Executive Director of Corporate Quality, and Fabiano de Luca, Six Sigma Black Belt, both from Cummins, spoke on the power and practice of Triz (pronounced trees). It is a simple, but important problem solving method that teaches us to better define problems and look to other areas for solutions to problems. There are many ways to learn about Triz, including the internet, books, and schools on Triz. Gary Hiner, Manager of Advance Quality Engineering for Delphi E&C, spoke on the principles of the Taguchi "Loss Function" in the pre-clinic. I offer special thanks to our speakers.

As of September 1, ASQ904 membership stands at 101 members, with 22 unpaid from last year. The ASQ904 LC thanks to all those who have renewed their membership. That 82% retention rate is good, but we would really like to be a growing section. If you have not renewed, please remember to send in your renewal form and dues to ASQ-HQ in Milwaukee. To all those who did renew, we appreciate your continued interest and the ASQ904 Leadership Committee will continue to work to bring you valuable programs and other quality activities.

Steve Zylka, ASQ904 Program Chair, has arranged a tour of Keihin (Pronounced Kay Hin). The Muncie (near the airport) plant of the Keihin Group manufactures and sells automotive air conditioning units. The date for our plant tour has been set for December 15, 2004. We normally meet earlier in the month, but this date was better for our hosts and since we are their guests we will gladly take the tour at their convenience and choice. Mark your calendars and plan to attend.

See you at the next member meeting, October 20,

Michael L. McDonald
ASQ904 Section Chair 2004-2005

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:

Alden D. Amonette
 Magnequench

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 September 2004 Meeting

22 Quality Professionals attended our September meeting to hear George Strodbeck and Fabiano DeLuca present an overview of TRIZ (pronounced "trees"). George recommended the web site www.triz-journal.com and the book "Simplified TRIZ" by Ellen Dorn for those who want to know more.

Pat Cook won the "Six-Sigma Handbook" door prize.



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Did you Know?

Our section has a Web Page

www.asq904.org

Check it out!

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 502
4301 South Cowan Road
Muncie, IN 47302**

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

Future exam dates and deadlines:

**CQA, CQT, CMI, CRE, CQManager,
CQA-HAACP, CSSBB**

October 16, 2004 (~~August 20, 2004~~)

March 5, 2005 (January 7, 2005)

CQE, CQA, CSQE, CQIA

December 4, 2004 (October 1, 2004)

June 4, 2005 (April 1, 2005)

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

ASQ Section 0904 Summary 2003-2004:

ASQ 0904 received a Total Quality Award for the 2003-2004 year. This award is given by the Society to Sections who follow specified HQ management principles to manage the Section.

ASQ 0904 ended the year with 117 members. ASQ 0904 membership meeting attendance averaged 18.2 members per meeting.

ASQ 0904 received \$2644.46 in income (from all sources). The Section's expenses for the year were \$2977.69. Our loss on operations for the year was approximately \$ 334.

Other activities:

1. Section 0904 served as a exam site for certification exams.
2. Section 0904 had several members advance to the rank of Senior member.
3. Section 0904 had 8 membership meetings and preclinics on topics such DFSS, TS 16949, Control Charts, Problem Solving, & Statistics
4. ASQ Section 0904 sponsored a plant tour at Maxon.

It is our desire as a Section Leadership Committee to do the very best job we can for our membership. If you have suggestions to improve our Section or want more information about the way the Section is managed, please contact a Leadership Committee member.

Rhonda Goss – ASQ Section 0904 Immediate Past Chair



**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:

November 17:
"TS16949"
Speaker: Kent Keeney
 Pre-Clinic: "Excel and Statistics" - Mike Puhl

December 15: Plant Tour
Keihin-Aircon – Muncie

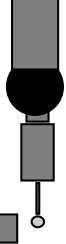
January 19:
"Shanin vs 6-Sigma"
Speaker: Steve Harmeyer
 Pre-Clinic: Gauge Measurement Analysis - Steve Harmeyer

February 16:
"Team Development"
Speaker: Kenny Heifer
 Pre-Clinic: "Auditing Prospectus" - Rhonda Goss & Steve Zylka

March 16:
"Data Collection"
Speaker: Mike Mazu
 Pre-Clinic: "ASQ 1 Year Later" Mike Mazu

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

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

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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,

October 20, 2004

"CMM"

Speaker: **Richard Clark**

CMM Technology, Inc.

2. Directions to the Meeting

3. List of 2004-2005 Officers

4. Section Calendar 2004-2005

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