

The Quality Times

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Section 0904
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Volume 54

February 2003

Number 5

“Design of Experiments”

By Rhonda Goss & Mike McDonald

Pre-Clinic: 6:00 PM DOE Matrix

Dinner: 6:30 PM Meal Cost: Pay Restaurant

Program: 7:30 PM

Wednesday, February 19, 2003 6:00 PM

About the Pre-Clinic: The pre-clinic will explain the Design of Experiments (DOE) Matrix, how it works, how it was developed, and the power of its design to identify significant factor effects. It is important to attend the pre-clinic as lessons learned will be used to analyze the experiment in the main presentation.

About the Program: The main presentation will be an introductory lesson on how to plan, organize, conduct, and analyze a simple experiment. Actual data will be collected, analyzed, and interpreted during the meeting. One or two Design of Experiments applications from industry will be reviewed as time allows. Bring your calculator and be sure to attend the pre-clinic for the DOE Matrix lessons.

About the Speakers:

Rhonda Goss is a Quality Engineer, currently employed at Hoffco|Comet in Richmond. She has 14 years experience in the quality professions. Rhonda is an ASQ certified CQE, CQA, and CQT. Rhonda is a past Chair of Section 0904. She has also held several committee positions on the Section Board. Rhonda graduated from Indiana University and earned a certificate in Quality from Ivy Tech.

Michael L. McDonald is a Registered Professional Engineer and a Certified Quality Engineer, who worked in quality improvement training and application from 1982 to 2000 at Delphi Automotive Systems. He has taught approximately 150 classes to over 2500 students in a simple, accurate and enjoyable style to GM, suppliers, and customers worldwide. In 2000 he started his own company, Michael L. McDonald & Associates, Incorporated, located in Anderson, to offer quality classes and continuing statistical support.

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



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Immediate Past Chair	Rhonda Goss
Region 9 Director	Mike Mazu (812) 853-4896 pmazu@aol.com

Section 0904 Calendar

2002 – 2003

<i>September 18</i>	<i>Dinner & Program</i>
<i>September 24</i>	<i>Board Meeting</i>
<i>October 4</i>	<i>Deadline: Dec. Cert Exam</i>
<i>October 16</i>	<i>Dinner & Program</i>
<i>October 19</i>	<i>Certification Exams</i>
<i>October 22</i>	<i>Board Meeting</i>
<i>November 6</i>	<i>Delco Remy Tour</i>
<i>November 19</i>	<i>Board Meeting</i>
<i>December 4</i>	<i>Delphi Plant 20 Tour</i>
<i>December 7</i>	<i>CQE / CQA Exams</i>
<i>Jan 7, 2003</i>	<i>Board Meeting</i>
<i>January 10</i>	<i>Deadline: March Cert. Exam</i>
<i>January 15</i>	<i>Dinner & Program</i>
<i>January 21</i>	<i>Board Meeting</i>
February 19	Dinner & Program
<i>February 25</i>	<i>Board Meeting</i>
<i>March 1</i>	<i>Certification Exams</i>
<i>March 19</i>	<i>Dinner & Program</i>
<i>March 25</i>	<i>Board Meeting</i>
<i>April 4</i>	<i>Deadline: June Cert Exam</i>
<i>April 16</i>	<i>Dinner and Program</i>
<i>April 22</i>	<i>Board Meeting</i>
<i>May 21</i>	<i>Dinner & Program</i>
<i>May 27</i>	<i>Board Meeting</i>

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Contact:

The Newsletter Editor: Bob Cooper



Chat from the Chair:

The annual business meeting of Section 904 will be held at our March technical meeting. Included in the regular order of business will be the election of officers for 2003-2004. The following slate of officers is presented by the nominating committee:

Section Chair: Rhonda Goss
 Section Chair-Elect: Mike McDonald
 Secretary: Steve Scott
 Treasurer: Rich Ehmer

Nominations will be accepted from the floor at the February and March technical meetings. A nomination from the floor requires prior consent from the nominee, to serve if elected. All nominees must be members in good standing of ASQ Section 904.

Any member who is interested in serving on the Section 904 Executive Committee is encouraged to attend an Executive Committee meeting. Beginning in February, the Section 904 Executive Committee will meet on the Wednesday following the technical meeting. Executive Committee meetings are held at the Sirloin Stockade at 6:00 PM. The Executive Committee is the management team for our Section. There are a number of standing committees that are available (unfilled) and your participation is encouraged.

Follow-up on last months chat: I am surprised at how many Tier One companies are unaware of the fact that ISO/TS-16949 will replace QS-9000. Despite the fact that only Tier One suppliers are currently required to make the change, any supplier can elect to pursue this certification.

Chuck Darger - Section Chair

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Welcome New Members:

Bryan Arnold -Fujitsu Ten

Jason W. Hammond – Midwest Metals

David D. Hartman

Tom R. Morell - Alphabet

Michael W. Whisman – Dana

January 2003 Meeting Summary

Thirty members and guests attend our January meeting. Past-Chair Dr. Jim Walters brought six students from his BSU management class. Randy Hartman won the book from Quality America. Jennifer Csicatha (BSU student) won the dinner door prize. Don Russell, who did not attend, got picked for the \$100 attendance door prize.

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





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Our website has a map

Future exam dates and deadlines:

**CQA, CQT, CMI, CRE, CQManager
March 1, 2003 (1/10/2003)
CQE, CQA, CSQE, CQIA
June 7, 2003 (4/4/2003)**

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"Measurement Uncertainty"

Speaker: Dilip A. Shah

E=mc3 Solutions, Wadsworth OH

April 16, 2003

"Structured Problem Solving"

Speaker: John Finley

Impact Forge

May 21, 2003

"Intellectual Capital"

Speaker: Carrie A. Van Daele

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Arthur Bender Jr.

Arthur Bender Jr., 90, a 68-year resident of Anderson, died Jan. 25, 2003, at Bethany Pointe Health Campus.

He was born May 11, 1912, in Campbell, Ky. He was preceded in death by his parents and by his wife, Martha, of 54 years in 1990. He was trained in modern quality control engineering techniques by the War Production Board in 1944 and was instrumental in bringing quality to many industries in addition to Delco Remy, his employer of 41 years. As a past president of the American Society for Quality Control, he was a Founding Member and Fellow. In 1974, he represented the United States in a meeting of the International Standards Organization (ISO) at The Hague.

His many published articles and papers brought him national recognition, including the prestigious Edwards Medal, awarded by ASQC. In 1996, he was honored as one of the 53 Pioneers in Quality Control. His associations included: Alpha Tau Omega Fraternity (Purdue), a life member of the Society of Automotive Engineers (SAE), "Silver Foxes" of the First Presbyterian Church, The Delco Remy Fellowship Club and the Purdue Club. He was a past member of the Edgewood Country Club, the Anderson Country Club and the Chamber of Commerce.



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Section Newsletter

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**Section 0904
East Central Indiana**

Founded: 1949

54 Years of Quality in East Central Indiana

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***Wednesday,
February 19, 2003***

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Experiments”**

**By Rhonda Goss & Mike
McDonald**

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4. Section Calendar 2002-2003



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