



CONNECTION

Greater Kansas City Chapter #92

February, 2005

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1 – MARCH MEETING DETAILS: MARCH 8, 2005

TPM: A TRUE SUCCESS STORY JACK MILLER, HONEYWELL

In 2000, Honeywell in Olathe, a unionized aerospace electronics supplier, recognized it had a problem. Customers were pushing for shorter lead times and management was demanding cost reductions in indirect operating costs. At this time approximately eighty percent of their maintenance hours were dedicated to emergency work orders. Today that number has fallen to less than ten percent.

Jack Miller, Facilities Coach, attributes their remarkable success to having a hardworking, dedicated maintenance team and implementing a Total Productive Maintenance (TPM) program. "We started slowly, beginning with a small area that was critical to our process but was experiencing chronic problems," said Miller.

TPM at this facility has been one of the most successful programs ever started at Honeywell, "I am very pleased and proud of how the whole organization, after the initial skepticism and hesitation, enthusiastically embraced the TPM concept. It is of utmost importance to have reliable and well-maintained machinery in order to serve our customers well and to get on-time deliveries. A well developed TPM program is one of the cornerstones in our drive for manufacturing excellence."

Please join us for Jack's presentation on this program and dinner catered by Zarda BBQ. The menu will consist of juicy, tender ribs; sliced beef, ham, and turkey; Zarda's world-famous baked beans; homemade coleslaw; potato salad; bread; ice-cold kosher dill pickles, and beverages.

Location: Robbie Mfg., Lenexa, KS (108th & Lackman)

Date: Tuesday, March 8th, 2005

Time: 7:00 p.m.

Cost: \$16.50 per person

RSVP: By **March 2nd, 2005** to Anita Ranhotra (aranho2@hallmark.com; 913-727-6692 x 489). Directions provided prior to meeting.

2 – PRESIDENT’S MESSAGE

Hello everyone! We have had a lot of action since our last newsletter. It started with a great turnout for the tour of the Wal-Mart distribution center, as over 30 people attended! The DC services 90 – 95 stores, and ships out over 200,000 cases a day. As Wal-Mart is one of the largest retailers in the world, it proved to be a very interesting tour! I would like to personally thank Anita Ranhotra for setting it up.

On February 3rd, we held our annual conference. With record attendance, we had over 65 attend. For this year’s conference, we hosted Think Reliability, a company that trains individuals on Cause Mapping, a root cause analysis methodology. I would like to thank the entire planning committee for organizing our most successful conference to date!

So far we are off to a great start for 2005! Let’s finish the 2004/2005 program year with a strong showing over the next couple of months. In March, we are hosting Jack Miller from Honeywell, he will be discussing Total Productive Maintenance (TPM). I look forward to seeing everyone there!

Aaron Cross

3 – UPCOMING EVENTS

Projected Program Schedule

March 8, 2005	Dinner Meeting with TPM Speaker
April 2005	April Tour – To Be Announced
May 2005	Union Hill Cemetery Community Service Workday

4 – MEMBERSHIP UPDATE

MEMBERSHIP UPDATE

Region 5 Chapter 92 Membership 120

Welcome new members – Dr. David Ben-Arieh, Lisa Hach, Leonard Markle, Don Weatherford, Jean Wilmott

Dr. David Ben-Arieh – David is a professor in the Industrial and Manufacturing Systems Engineering department at Kansas State University. He went to school in Israel and received his MSIE and MSC from Ben-Gurion University. He also received his PhD from Purdue. David has three grown children, the youngest of which is a student at KU.

Lisa Hach – Lisa works at Sauer-Danfoss as a Quality Technician for Piston Products. Sauer-Danfoss manufactures hydrostatic drives for off-road machinery. She deals with customer Production Line Rejects, conducts weekly meetings with their Product and Process Engineers to find root causes and perform corrective actions on our product lines. She also generates Gage R & R's, Process Failure Modes and Effects Analyses (PFMEA's), Production Part Approval Processes (PPAP), and Standardized Work

instructions. Lisa is a graduate of Arizona State University and moved to Kansas in August of 2004 from Wisconsin. She loves to travel and snowboard and also loves Kansas City.

Leonard Markle – Leonard has incorporated his own company called “Lean System Solutions”, focusing primarily on “Lean” project management and customized software for companies in the SE Nebraska area. Leonard received his Associate of Arts from Johnson County Community College, BS in IE from Kansas State University, and his MBA from Rockhurst College. He has Lean Certification through the University of Nebraska – Omaha and has been living in Beatrice, NE since moving from the KC area. Leonard is a past officer with the KC IIE chapter and has work experience from Grant Hardware, Olin Corp/Remington Arms and Cook Paint & Varnish. He is also a member of APICS and ASQ.

Don Weatherford – Don is a Solutions Manager in the Manufacturing Execution System (MES) space for Technology Solutions Company, a consulting group out of Chicago. In this position, he implements custom solutions based on existing or reengineered business processes. He is certified in PeopleSoft Supply Chain Management (AP, PO, INV, CM & PP). Don has lived in the KC area for six years, moving here from Sacramento, CA. He has a BS in Business/Accounting from Arkansas Tech University and an MS in Operations Management from the University of Arkansas School of Engineering. Don’s wife is Director of Real Estate and Properties at Liberty Hospital in Liberty, MO. In his spare time, Don enjoys traveling, cooking, and enjoying good wine and golf.

5 – THE CHAPTER ACTIVITY REPORT (CAR)



In 2003, the chapter submitted the Chapter Activity Report (CAR) with a total of 74 points claimed on a 100-point scale. This was good enough for our chapter to receive the Silver Award from IIE. This year our chapter is claiming 71 points on this CAR and this should again qualify us for the Silver Award. The Regional Vice President and IIE headquarters will review the CAR before it is official.

The Gold is the highest award level. Based on our chapter size we needed a total of 75 points to achieve this. As we move forward and try to achieve the Gold level, let IIE officers know of your exploits. Have you mentored a student, or given a presentation about industrial engineering? Did you have an article published in the IE or other publication? Your support as members will help us achieve our goals. Thank you for your support in 2004.

Keith Johnson
President Elect

6 – IIE ELECTIONS RESULTS

Thanks to everyone who voted in the recent IIE elections!



Dr. Terry Collins, Texas Tech University, was elected to be our new RVP for Region V!

Anita Ranhotra, Hallmark Cards, Inc., has been elected Senior Vice President – Chapter Networking, and she will serve on the Board of Trustees.

Editor’s Note: Anita is the Kansas City Chapter’s Membership Chair and has served as our President in past years. Congratulations, Anita, and thanks for the work you do both locally and for headquarters!

7 – MEMBER SURVEY RESULTS

Thank you to all of you who responded to our member survey! The input we received was very informative and will be used in detail during the officer planning session this summer. Thanks to all of you who took time out of your busy schedules to give us feedback – we saw a 32% response rate!

Below is a brief summary of the results:

- 1) How long have you been an IIE member?
 - 18% <1 year
 - 42% 1-5 years
 - 11% 5-10 years
 - 29% >10 years
- 2) How many KC IIE events do you attend in a program year (runs Sept-May)?
 - 29% <1
 - 29% 1-2
 - 34% 2-4
 - 08% 4-6
- 3) Where do you live?
 - 70% Kansas
 - 27% Missouri
 - 03% Other
- 4) Where do you work?
 - 59% Kansas
 - 38% Missouri
 - 03% Other
- 5) Please rank the following factors, according to their importance to you, in deciding whether or not to attend a KC IIE event
 - Listed in order of preference*
 - Topic (speaker, tour location)
 - Date
 - Time
 - Location
 - Cost
- 6) Which type of event are you most likely to attend?
 - 15% Dinner/Speaker meeting
 - 67% Tour
 - 18% No Preference
- 7) What day of the week/time of day work best for you to attend meetings? Please check all that apply.
 - 14% Mon evening
 - 16% Tues evening
 - 14% Wed evening
 - 15% Thurs evening
 - 07% Mon-Fri lunch hour
 - 20% Mon-Fri late afternoon
 - 03% Mon-Fri early morning
 - 09% Sat morning
 - 01% Other
- 8) Please rank your preference of meeting location.
 - Listed in order of preference*
 - KC – Kansas side, Johnson Co.
 - KC – North KC
 - KC – Missouri side
 - Topeka/Lawrence area
- 9) When paying for dinner meetings, what meal cost would deter you from attending?
 - 00% >\$10
 - 14% >\$15
 - 22% >\$20
 - 28% > \$25
 - 25% > \$30
 - 11% None
- 10) Does your employer reimburse you for the cost of membership?
 - 83% Yes
 - 17% No
- 11) Does your employer reimburse you for the cost of meetings (dinners)?
 - 33% Yes
 - 58% No
 - 08% Not Sure
- 12) Please rank your preference for tour topics.
 - Listed in order of preference*
 - Manufacturing
 - Distribution
 - Service
- 13) Please rank your preference for speaker topics.
 - Listed in order of preference*
 - Professional development (project management, etc.)
 - IE topics (Lean, Six Sigma, etc)
 - Personal development (career development, interview techniques, etc.)
 - Other

The detailed input we received will be reviewed at the planning session. In the meantime, in response to some of the questions you sent us, below are some comments.

- Some tours are restricted, due to the request of the host facility. This was the case with the Wal-Mart tour, as they did not allow competitors. Our chapter will make an effort to have as few of these restrictions as possible.
- Meetings are currently scheduled for Tuesdays or Thursdays, early in the month. This varies, based on availability of a speaker and/or facility.
- Meetings are not currently scheduled around meetings of other societies.

8 – JEC DIRECTORY NOTICE

You all should have received your JEC (Joint Engineering Council) directory by now. Due to an oversight by the publisher of the directory, IIE was left out of the original publication. You will find the IIE roster information attached inside the back cover of the directory.

9 – NEWSLETTER COMPETITION UPDATE



Our Chapter received the Gold Award for the 2004 newsletter! This is the second straight year the Kansas City Chapter has received this award. Out of 37 possible points, we were able to claim 33 regular points and 1 bonus point for a total score of 34. Thank you to everyone who contributes to the newsletter for sending in quality information in a timely manner!

We were just below the cutoff to try for the Platinum Award, which is the highest recognition available. We will be working in the months ahead to make the improvements needed to reach this next level. If you have any suggestions for the newsletter, please send me an e-mail at jennifer.albers@yellowcorp.com.

Jennifer Albers
Newsletter Editor

10 – NEWS FROM HEADQUARTERS

IE Education History – As Posted in the February 2005 *eBrief*.

In 1908, the first curriculum in industrial engineering was developed. It was a two-year program at Pennsylvania State College (now Penn State University) limited to juniors and seniors in mechanical engineering. Enough interest was shown to begin a four-year program in 1909.

The 1909 course catalog at Pennsylvania State College stated the program was intended to prepare students “for positions that deal with the side of industrial organizations that has to do with business management, works management, superintendence, purchasing, and sales. It deals largely with the application of the sciences and humanistic studies to industrial ends. ... For the purpose indicated, well-trained engineers are required.” The program included “all the fundamental engineering work in mathematics, drawing, physics, chemistry, machine design, heat engineering, mechanics, hydraulics, and structures that are common to all other engineering courses.”

Link to the National IIE Home Page: <http://iienet.org>

Link for Membership Renewal: <http://web.iienet.org>

11 – OFFICER LISTING

President – Aaron Cross, ThinkReliability, 8830 Horton, Overland Park, KS 66207 (913) 825-1337 or (913) 481-9949, aaron_d_cross@yahoo.com

President Elect – Keith Johnson, Hallmark Cards, 240 Madison, Topeka, KS 66607 (785) 233-3241, kjohns7@hallmark.com

Treasurer- Jeff Poehls, Farmland, 13104 W 76th St., Lenexa, KS 66216 (913) 268-7881, ripoehls@farmland.com

Secretary – Robert Stillwell, Burns & McDonnell, 9400 Ward Pkwy, Kansas City, MO 64114 (816) 822-3449, rstillwell@burnsmcd.com

Membership Chair – Anita Ranhotra, Hallmark Cards, 450 Eisenhower Road, Leavenworth, KS 66048 (913) 727-6692 x489, fax (913) 702-1543, aranho2@hallmark.com

Membership Co-Chair – Jessica Johnson, Nestle Purina PetCare, 3216 B N Woodbine, St. Joseph, MO 64506 (816) 396-2173, jessica.johnson@purina.com

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Conference Director – Lori Ashford, Robbie Manufacturing, 10810 Mid America Ave, Lenexa, KS 66219 (913) 492-3400, fax (913) 492-1543, loria@robbiemfg.com

Co-Conference Director – Brandy Collins, Sprint, 6100 Sprint Parkway, Overland Park, KS 66251 MS: KSOPHK0214-2B558 (913) 315-4285, fax (913)315-3929, brandy.l.collins@mail.sprint.com

Conference Committee – Brian Ward, Suite 700, 114 W. 11th St., Kansas City, MO 64105 (816) 559-0632, brian.ward@marketsphere.com

Community Affairs Co-Chair – Beth Kelley, Hallmark Cards, 450 Eisenhower Road, Leavenworth, KS 66048 (913) 727-6692 x323, fax (913) 727-2423, bkelle1@hallmark.com

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