NEW HAVEN SECTION
305 FISCAL YEAR 2016-2017

www.asqnewhaven.org

ASQ New Haven Newsletter September 2016 Issue

BEAD INDUSTRIES PLANT TOUR

Bead Industries is comprised of two divisions: Bead Chain and Bead Electronics, and a wholly-owned subsidiary, McGuire Mfg. Company. Founded in 1914, Bead Industries developed and manufactured Bead Chain® for electric light pulls. Using the same innovative metal-working process, it fabricated products for the electronics market in the mid-1920s. McGuire, one of Bead's loyal customers, was acquired in 1972.

Bead Electronics, a division of Bead Industries, manufactures end to end, solid wire, and tubular contact pins for the telecom, automotive, connector, and lighting industries. These custom components deliver the performance of machined pins at the price of stamped and can be tooled in a fraction of the time.

Bead Chain, a division of Bead Industries, has supplied authentic Bead Chain® since 1914. Bead Chain® is used on vertical blinds, securing gas tank and other marine parts, window treatments, inside toilets and other plumbing fixtures, key chains for dog tags, and many other products.

WEBSITE:
HTTP://WWW.BEADINDUSTRIES.COM/

MEETING PLACE AND CONTACTS

Date: September 14, 2016
Place: Bead Industries Plant Tour
Time: Registration: 5:00; Dinner: 5:30; Speaker-Tour: 6:15
Dinner: Pizza
Cost: $15.00

ONLINE: WWW.ASQNEWHAVEN.ORG

Jay Krishnamoorthy (203)589-5350 or email: **JAYK_2@COMCAST.NET**

Bill Folsom: (203) 402-9111 or email: **WILLIAM.FOLSOM@DCMA.MIL**.

DIRECTIONS TO BEAD INDUSTRIES

North Follow I-95 S to Marsh Hill Rd in Orange. Take exit 41 from I-95 S .Follow Marsh Hill Rd to Cascade Blvd . Plant is on 11 Cascade Boulevard.

South Follow I-95 N to Marsh Hill Rd in Orange. Take exit 41 from I-95 S . Use the right 2 lanes to turn right onto Marsh Hill Rd . Follow Marsh Hill Rd to Cascade Blvd . Plant is on 11 Cascade Boulevard.

MESSAGE FROM THE CHAIR

I often hear complaints from quality engineers and inspectors that they are being hamstrung by budgeting. Many businesses unfortunately see quality as a budget line item for manufacturing and production process centers and not a standalone group. Even with bigger operations and multi-million dollar plants many in management have found it easier or financially more equitable to make quality a function of a program or process than by establishing them as an overhead expense. This type of budgeting process seemed to follow suit since the surge for offloading has taken its role worldwide to make things more financially equable.

If you're in the position of being "off loaded" out of overhead as a standalone group to feed the budget whims of manufacturing and production types, you are probably asking yourself, "Why am I wasting my time?" To even get into serious data gathering and analysis in order to find your plant's strengths and weaknesses you're placed on hold like some automated phone help

operator waiting to see if what you plan on doing has a charge code for the process or series at hand. Even if you are given ample funds and you determine that a process is running smoothly what are your chances you will be given future funds to maintain your system and/or dig deeper. Even when you do find something it's often thought that little values has been added and you likely did not receive appreciation for your work. You try to explain that this level of scrutiny using a variety of SPC and quality principle formulas in the long run, heck in many cases the short run, will save all sorts of money.

This constant sales pitch game that affects so many of us, especially with assuring quality jobs needs, to stop. It needs to stop because on issues when quality problems arise it may not just be a savings in manufacturing or production costs, but a means for a business to prevent losing their competitive edge altogether. In the world market/opinion of selling your product or service it's mainly the integrity of your name that keeps you in the game at all.

As many quality engineer and inspector types are usually spun up with numbers and facts, they often fall right to the bottom overshadowed by other gifted manipulators who are skilled in the 'art of the deal' of snake oil sales. This being the case, we end up going to work each day watching our quality workforce numbers dwindle as we fight an everlasting battle with conflict of interest.

Yes conflict of interest is an issue as we are limited by those we are auditing as based by the available funds allotted us. My suggestion to overt a loss of the quality function is for each of us to try and work on our own digging and gathering as much data as possible to prove all points even if it means doing so on your OWN TIME. Yeah working past the allotted time so you can show to the big wigs that quality must NOT be a conflict of interest where money is saved and our integrity remains intact. The question is how many of us have this desire and built in drive to work for no pay?

In the not too distant future as more and more funding is expended to feed offloading and automation, jobs, no matter who is in office, will be dropping like a rock. Let's not make this destiny of technology coupled with snake oil sales push us out of our jobs too early with tactics like conflict of interest budgeting before we have time to adjust.

Larry Spinello, Section Chair, ASQNHS

MAY'S MEETING

Last May ASQ New Haven had the pleasure to tour Medtronic manufacturing facility formerly Covidien. Medtronic's Plant Quality Manager Chuck Funkhouser started off giving us a history of their plant and explained the businesses that came before them with Covidien and US Surgical. Then he explained Medtronic's mission statement with their six tenets:

To contribute to human welfare by application of biomedical engineering in the research, design, manufacture, and sale of instruments or appliances that alleviate pain, restore health, and extend life.
To direct our growth in the areas of biomedical engineering where we display maximum strength and ability; to gather people and facilities that tend to augment these areas; to continuously build on these areas through education and knowledge assimilation; to avoid participation in areas where we cannot make unique and worthy contributions.
To strive without reserve for the greatest possible reliability and quality in our products; to be the unsurpassed standard of comparison and to be recognized as a company of dedication, honesty, integrity, and service.
To make a fair profit on current operations to meet our obligations, sustain our growth, and reach our goals.
To recognize the personal worth of employees by providing an employment framework that allows personal satisfaction in work accomplished, security, advancement opportunity, and means to share in the company's success.
To maintain good citizenship as a company

He talked about the setup of the plant and all of its major areas, buildings, and processes of manual and automated assembly, endo-mechanical manufacturing, and their tough plant wide sterile technique criteria that included all packaging.

We began our tour having to place all of our jewelry, phones, loose items etc., on our person for bagging as we could not bring them within the plant for fear of introducing process contaminants. Then we had to suit up with a full body suit that included hair nets and bea covers. Then they passed us through an airlock to make sure the air passing through did not circulate to the next area for filtering of unwanted floating contaminates. Assuring maximum process sterilization is very important to Medtronic to guarantee the very best in quality products.

The first stop of our tour was their product Demo Case where all of their surgical devices were on display. They had lots of technical names of various fine devices used in surgeries for cutting, suturing and stapling. I got a kick out of the style of the devices and how they were designed for handling and their unique applications.

The next stop was their Tri-Staple Assembly process where they showed this device that had a gusset enclosed sled/staple setup cell. It was neat how they explained how each setup had to follow certain arrangements of various integral parts, all organized to assemble a full part all flowing along a defined path. When the part was completed it underwent an automatic inspection. Our tour guide told us that some of the stations were completely automatic whereas some required manual involvement.

The second station we visited was the Signia Staple Power Adapter assembly area. The guide showed us the finished product for demonstration. The device was surprisingly light weight despite its size which they said is a big requirement for easy handling by surgeons as they operate. He explained that each power stapler did its own calibration to assure precision application. He showed us how it would cut and simultaneously staple, something a surgeon would need to do when working under strenuous conditions where time is of the essence.

Our last stop was the suture to needle attachment automation area Station which was an automated plexi-glass shielded and enclosed assembly area that made several surgical devices. The station started off with a series of small conveyor roller like belts that
would encounter specific assembly robotic arms that would perform an action on the developing part, passing it along. The manipulation of these arms exhibited fine dexterity where each of their actions allowed Medtronic to produce an incredible amount of product. All of this activity is carefully monitored via a computerized SPC system to assure timeliness and proper calibration of all equipment.

After our plant tour concluded we all commented about the level of detail and depth Medtronic took to assure a quality product and their excellent attention to sterile technique and overall use of fine precision assembly of its surgical devices.

JOB OPPORTUNITIES

Job Title: Quality Manager - TRG Manufacturing Search Division

Job Description: Ready to drive change, and improve an organization's overall customer satisfaction? Tired of the same old quality role, and ready to join an organization committed to change & optimization? Well then you owe it to yourself to read on……
The TRG Manufacturing Search Division is actively searching for a well-rounded Quality Manager who wants to grow their career and advance.
You will become the proactive change-agent focused on improving the overall quality strategy for a growing global manufacturer. You will achieve great visibility and receive great recognition for your contributions and there are plenty you can make. Our client has grown tremendously over the last several years, and is currently underway in a very strategic growth plan. This person will lead the quality programs for their entire division. This is an exciting opportunity for a dynamic Quality Manager to make an immediate impact and be a part of their successful growth plan for the years to come.
This is a great role for a data-driven leader who has the strong technical background and exceptional people skills necessary to be an effective influencer of others while rolling out new or improved quality programs. A key responsibility for this role will be to implement Quality KPI's that will ensure correct deployment of quality processes and help them achieve defined project targets. This includes compliance with products specifications throughout the entire life cycle or the process, while being the Voice of the Customer within the Company.
If this is you or someone you know, give us a call!
Desired Qualifications:
•Bachelor's Degree (Engineering/Technical preferred) with a minimum of 8 years of Manufacturing Experience
•Experience with ISO-9001 certifications, along with AS9100/Defense experience a plus
•Data Driven Leader, with experience using classic Lean Tools
•Naturally Driven Individual with the "Quest to Succeed"
•Excellent Written & Oral Communication Skills
If you are interested in this or future opportunities in your area, please send a Word-Formatted resume to joey@richgroupusa.com. All inquiries are kept confidential and your information will not be shared without your approval.

*Please note that candidates for these positions must be legally authorized to work in the US without sponsorship. All qualified applicants will receive consideration for employment without regard to the individual's race, color, sex, national origin, religion, age, disability, genetic information, status as a military veteran or any other characteristic protected by applicable law

Job Title: Quality Assurance Manager - Middlebury, CT

Job Description: Primarily, the QA Manager is responsible for overall quality; by adhering and maintaining a QMS (Quality Management Systems) that meets ISO 9001:2008 and AS 9100:2009 Rev C standards. They need to understand these current requirements as well as aerospace requirements (FAA, FM). They will be the key person for internal and compliance audits.

The QA Manager will be a key point of contact for customers, vendors, and internal teams, responsible for identifying failures/issues. They'll be responsible for root cause analysis, corrective actions, and quality planning initiatives and process improvements. We seek a strong leader who can collaborate and interact with manufacturing/production as well as engineering teams to proactively advance QMS as required to support world class manufacturing operations. They'll also be responsible for managing others in the quality department; incoming inspection, fab inspection, in process inspection/FAA designee and quality engineers.

Additional Responsibilities:

Direct implementation and follow up of systematic corrective and preventive actions (CAPA) by reviewing adequacy of root cause analysis, corrections, corrective actions, preventative actions and effectiveness.

Develop, maintain and report internal quality metrics and trend analysis to management such as but not limited to: QE project execution, deviations, CAPA, customer complaints, and non-conforming material.

Pro-actively identify areas where improvements in product and process quality can be made by monitoring quality metrics and analyzing underlying data (customer returns, scrap rates, on time deliveries and production productivity, etc.).

Lead Six Sigma teams in development and implementation of identified product and process improvements to deliver Customer Returns and scrap reductions per annual goals.

Provide statistical analysis in support of company production and quality objectives.

Provide Quality Engineering support to Engineering Design group in design development and reviews.

Provide Quality Engineering support to Manufacturing Engineering in process development.

Manage and distribute the workload within the QA department.

Insure timely disposition of non-conforming materials
Insure timely response and closure of RMA's.

Provide failure analysis and corrective action reports to customers as required.

Assist with shop floor and in-house manufacturing quality issues.

Conduct employee quality awareness training.

Desired Qualifications: Bachelor degree in Mechanical or Electrical Engineering strongly preferred. Will consider other degree specialties depending on focus of career experience….5-10+ years in Quality Management / Quality Assurance, in a manufacturing environment (ideally electro-mechanical in nature). Must be strong in adhering and maintaining a QMS (Quality Management Systems) that meets ISO 9001:2008 and AS 9100:2009 requirements, as well as ideally highly regulated environment experience (medical, aerospace, similar)
Certified 6 Sigma Black Belt preferred, Green Belt acceptable

Working knowledge of DOE, Control Plans, MSA, GR&R, D/PFMEA, SPC, Process Maps, Working knowledge of Lean Methodology – 5s, Value Stream Maps, Kaizen, Cellular Manufacturing
Excellent organizational, verbal and written communication skills. Good mechanical aptitude.
Experience interacting with regulatory agencies during audits and inspections. Strong proficiency in Microsoft Word, PowerPoint, and Excel. Excellent interpersonal skills Proactive approach to product, process and people improvements.

FIND US ON FACEBOOK! ASQ NEW HAVEN

Get updates on ASQ events, quality topics, and education opportunities!

ASQ NHS BOARD MEMBER REQUEST

We are also looking for ASQ members to join our Section Leadership Board. Our current openings are:

Vice Chair: In a section that does not use a chair-elect system, the vice chair is second in command after the chair. If there are multiple vice chairs, their responsibilities and succession order shall be established by the SLC and documented in section policy and position descriptions. See more details on our webpage.

Web Chair: Develop and maintain a continuous reliable source for section information via the Internet. Maintain section's mini web page on www.asq.org, including all information and links to any external section website. See more details on our webpage

LEAN ENTERPRISE INSTITUTE MESSAGE!

Our mission at the Lean Enterprise Institute is to make things better through lean thinking and practice. Whether it's improving the work, developing skills, learning, or sharing, we strive to be better.
Just by joining lean.org it would be fair to say you too are trying to make things better. We want to hear what you have been doing.

Please tell us what you are doing to make things better. What was the challenge you were facing? What did you do to overcome the obstacle? Tell us. Here's a link to share your story: http://www.lean.org/soundoff.cfm

Some stories will be published on the Lean Post (with your permission of course) and shared with the Lean Community! Don't worry if you are not the best story teller, we have editors available to work with you to make your piece better. Thank you for being a part of the Lean Community, and I'm looking forward to hearing from you.
Joshua Rapoza
Customer Strategy Officer
Lean Enterprise Institute, Inc.

ATTENDEE GIFTS!!

This month's ASQ New Haven attendee gift will be the ASQ logo Pen, a real helpful implement for home and at work to assist each day of your Quality conscious life. We hope this gift choice will be appreciated by all

NEW MEMBERS! WELCOME ABOARD!

LESTER ALLEN
AMY AQUILINO
ROBERTO BALLESTER
DANA BOCHAN
MICHAEL BRADSHAW
HARRY E. BROOKS
FRANK CORNIELLO
MARK CRAWFORD
JENNIFER E. DESMARAIS
MOISEY GINZBURG
SCOTT HAEFFNER
TANIA HINDS
THOMAS HULL
DENNIS E. KLEIN
AJITH KUMAR ALLAM
DAVID LONG
JOHN MALEK
MICHELLE A. MALONE
LYNN MATHEWS-FROEHLICH
DAVID MICHAELS
JOHN H. PIZZONIA
KEITH PORTER
ABHIJITH RAO
ROCIO SANTANA VILLA
J DEANNA SCIACCA
VIKAS SHETGERE
RAVI KUMAR
OELLE STEVENS
ANDREW STILLSON
SHANNON TISO
RICHARD TOMER
AMBER WELLS
ELIZABETH WONG
KYLE ZUKAUSKAS

ASQ PROGRAM SCHEDULE FOR 2016-2017

DATE	TOPIC	SPEAKER/ FACILITATOR	PLACE	COMMENTS
14-SEP 16	BEAD INDUSTRIES PLANT TOUR	PLANT TOUR	BEAD INDUSTRIES, MILFORD, CT	JOINT WITH APICS NEW HAVEN
19-OCT 16	ORCHID ORTHOPEDIC SOLUTIONS - PLANT TOUR	ERIC NOACK	ORCHID ORTHOPEDIC SOLUTIONS	
16-NOV 17	WHAT CAN WE LEARN FROM HEALTHCARE.GOV	TOM GIORDANO	CASA NOVA	
18-JAN 17	MANAGING CHANGE	TOM GIORDANO	HONEYWELL LECTURE ROOM	JOINT WITH APICS NEW HAVEN
15-FEB 17	DOCUMENTING PROCESS - WHEN DO YOU STOP?	ERIC NOACK	BRAZIS	
22-MAR 17	3D PRINTING - UNH	DR. MARIA-ISABEL CARNASCIALI, PH.D	UNIVERSITY OF NEW HAVEN, WEST HAVEN CT	JOINT WITH APICS NEW HAVEN
19-APR 17	TBD	TBD	TBD	JOINT WITH SOUTHERN SECTION
17-MAY 16	PIEPER-OLSON VETERINARY HOSPITAL TOUR	HOSPITAL TOUR	PIEPER-OLSON VETERINARY HOSPITAL, MIDDLETOWN, CT	JOINT WITH APICS NEW HAVEN

SECTION LEADERSHIP COMMITTEE

Section Chair and Newsletter Chair:
Lawrence Spinello (203) 248-4085
Secretary and Healthcare Liaison Chair:
Julie Petrellis (203) 294-7319
NEQC Rep, Treasurer, Nominating and Past Chair DRD:
Bill Folsom (203) 402-9147
Audit and Placement Chair:
Gene Contardi (203) 795-6914

Membership
Suzette Herrick (774)239-6743
Web Chair, Programs and Education Chair:
Jay Krishnamoorthy (203)589-5350
Certification
Frank Tyszka and Art Bystryk