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Section Chairs:

Section 1510 Chair,
Eduardo M Suarez
Email: emsuarez@prodigy.net

Section 1515 Chair,
Bob Gilbert
Email: bob@
greenandsustainable.com

Newsletter Editor

Send contributions to
schraff@gmail.com
Contributions will be edited to meet
space requirements.

Region 15A Director

Steve Engelman
steve.engelman@value-
enhancement.com

Employment ads updated daily and
are posted on the website,
www.asqsefla.org

Section 1510 Website

www.asqsefla.org

Mailing Address:
PO Box 823855, Pembroke
Pines, FL 33082-3855

Section 1515 Website

www.asqpalmbeach.org

See All Section Activities
Certification Refresher Classes
Section Dinner Meetings
and On-Line Registrations

Message from the Section 1510 Chair By Eduardo M Suarez

Greetings to all members of Section 1510. I hope that you and your love ones are doing fine.

Our Section and Section 1515 of Palm Beach had the opportunity to tour the facilities of MAKO Surgical Corp.® in Davie, Broward County. Kudos to our Program Chair Phil Centonze for a well-coordinated event. The plant tour was a success and our members had the opportunity to learn many details about the partial knee resurfacing as an alternative to knee replacement.

The procedure known as MAKOpasty® has helped many patients suffering from osteoarthritis. About 24 members of 1510 and 1515 attended the plant tour. MAKO was founded in 2004 and has grown from the original 20 employees to over 400 currently working in two buildings. At present 21 of MAKO's employees hold PhD degrees.

On behalf of both Sections I would like to thank the following managers and associates of MAKO who made our stay informative and educational: Joseph Regan, Director of Manufacturing; Tara Matthews, Production Manager; David Vega, Warehouse Supervisor; Rob Ticker, Clinical Trainer; Michael Harvey, Service Engineer; and Dario Rischia, Supplier Quality Engineer.

(Continued on page 5)

Message from the Section 1515 Chair by Bob Gilbert

Hello to all our 1515 Members and friends. It has been a very busy month since our last newsletter. I am looking forward to seeing many of you at our upcoming joint section meeting with 1510 at Tropical Acres. This is always a great meeting, so please plan on representing our section by joining us at this meeting.

We are meeting on a regular basis with our partners at ACHE, SME, and ASTD to continue planning for our 2nd Annual Partners Conference. Last year was a great success, with almost 100 members attending, and we are looking forward to a larger turnout for the upcoming conference. We are planning the Conference for June 6th at the West Palm Beach Airport Hilton Hotel. We had a tremendous response to our "Request for Presenters", and have chosen the best of the best to present. The topic for the 2012 conference is, "Adapting to Change: The Good, The Bad, and The Ugly." It is a topic that impacts all of our organizations.

Section 1515 will be having its election of officers soon. We will need to fill all elected positions with new talent. Please look at the nomination link and nominate a candidate that you believe will help grow our Section.

Please watch our website for updates to our meeting schedule.



SAVE THE DATE

On Saturday June 9th at 7:15 pm in the
new Miami Marlins stadium. ASQ will have excellent
tickets for \$45 against the Tampa Bay Rays.
Watch for details!

Section 1510 ASQ Certification Refresher Classes

To participate in an ASQ refresher class, please sign up on the web page at www.asqsefla.org. You do not need to be a member of ASQ to participate in a class. RU's are earned for class participation. If you have a question regarding registration or class site, call Mayra Bisnow, Education Chair, at 954-478-0384 or email mbisnow@gmail.com.

Please sign up at least three weeks before the scheduled class start to assure you have the textbook at first session. Any classes that do not register a minimum of five students will be cancelled. *All classes are refresher classes.*

Class	Class Name	RU's	Fee Includes materials, handouts and text where applicable	When	Time Classes are 5:30 pm to 8:30 unless otherwise listed	Instructor
IA	Internal Auditing for Quality Systems	1.0	\$275	TBD based on demand	One day Seminar 8:30 am—5:30 pm	Kannan Krishnan CQE, CQA, CQMa, CQIA, CSSBB, CQPA
CQT	Certified Quality Technician	2.7	\$400	August, January	9 sessions	Eleanor Chilson CQE, CQMa, CQA, CQIA and Andy Vouloukos CQE, CRE
CMQ/OE	Manager of Quality / Organizational Excellence	2.7	\$450	August, January	9 sessions	Kannan Krishnan
CQE	Certified Quality Engineer	3.0	\$450	September, March	10 sessions	Jim Carbone, CBA, CQA, CQE, CQMa, Robert Pintavalle CQMa, CQE, CQA, CSSBB
CSQE	Certified Software Engineer	2.4	\$375	September, March	8 sessions	Mercedes Massana CSQE, CQA
CQA	Certified Quality Auditor	2.4	\$375	September, March	8 sessions	Jim Carbone
CQIA	Certified Quality Improvement Associate	2.4	\$375	September, March	8 sessions	Kannan Krishnan
CQI	Quality Inspector	2.4	\$375	August, January	8 sessions	Eleanor Chilson
CRE	Certified Reliability Engineer	3.0	\$350	August, January	10 sessions	TBD
BPR	Blueprinting Reading	2.4	\$375	TBD	8 sessions	Eleanor Chilson
CCT	Certified Calibration Technician	2.4	\$375	September, March	8 sessions	Fred King - CCT
CSSBB	Six Sigma Black Belt	3.0	\$450	August, January	10 sessions	Myriam Ochart, CSSBB & Gustavo Diaz CSSBB
DOE	Design of Experiments	3.0	\$400	TBD	TBD	Robert Pintavalle
CSSGB	Six Sigma Green Belt	2.7	\$450	September, March	9 sessions	Kannan Krishnan & Gustavo Diaz
CBA	Certified Biomedical Auditor	2.7	\$375	August, January	8 sessions	Jim Carbone

For Certification Exams dates and locations, please visit the ASQ Certification website at www.asq.org

The Zippy Toy Car Company: Learning Lean Manufacturing Principles the Fun Way

Friday, April 20, 2012
Presented by ASQ Section 1510
in partnership with
Quality Manufacturing Associates, LLC
O-CHART Management Consultants, Inc. and E3, LLC.

Morning session: 8:00 a.m.- 12 noon
Broward College
4205 Bonaventure Boulevard
Weston, FL 33332

This dynamic 4-hour hands-on workshop alternates classroom learning with a realistic factory simulation that takes the participants through several rounds from a traditional manufacturing environment complete with its many wasteful frustrations to a Lean Enterprise environment that simulates waste elimination and improved flow at customer's demand.

This workshop will help participants understand:

- The need for continual improvement in meeting customer demand in a globally competitive marketplace; and
- How simple Lean methods are used to reduce total lead time, improve product quality and customer service while reducing costs and increasing profits quality.

Learning Objectives

Using techniques to engage adult learners, this workshop will help participants:

- Understand the frustrations inherent in a traditional manufacturing environments and the negative effects on company performance
- Learn how to recognize opportunities for improvement
- Learn how to apply and implement Lean concepts and tools to take advantage of opportunities

Workshop Summary

The course provides a broad overview of the impact you can achieve by identifying process wastes and implementing fundamental Lean concepts to eliminate the wastes.

Elimination of the Eight Wastes

Implementing Lean practices gives you an advantage over competitors and improves your bottom line. The process begins by eliminating the eight wastes inherent in traditional manufacturing: Overproduction, Excess Inventory, Waiting Time, Excess Motion, Transportation, Defects, Non-Value Adding Processing, Underutilized Minds.

Concepts covered include

- waste recognition and elimination;
- workplace organization (5 S);
- continuous improvement;
- point of use storage;
- standardization;
- visual controls;
- quality at the source;
- inspections at the source;
- teamwork and collaboration;
- poke-yoke (mistake proofing);
- one-piece flow;
- rapid change-over;
- pull versus push; and
- kanbans.



The cost is \$299.00 per participant for the four-hour session. groups of 3 or more.
If you have any questions, please feel free to call Alexander Schraff, toll-free, at (855) 4-ISO-9001 (855-447-6900).

CERTIFIED QUALITY AUDITOR AND CERTIFIED SOFTWARE QUALITY ENGINEER TRAINING

Cordis will be hosting two ASQ Training Courses at their Miami Lakes facility. The Certified Quality Auditor (CQA) class will consist of 8 weekly sessions starting on April 4 and ending on May 23. Classes will be held on Wednesday evenings, from 6 pm – 9 pm, with a short 15 minute break. The Certified Quality Software Engineer (CSQE) class will start on March 6 and will consist of 8 weekly sessions on Tuesday evenings.

To register, go to www.asqsefla.org, select 1510 Classes, and click on "registration form" at the top. The cost of each class is \$375, which includes the Training Materials and Study Binder. Registration for the certification exam in June is separate from the class.

For additional information please contact section Education Chair Mayra Bisnow, at mbisnow@gmail.com.

NEW MEETING CANCELLATION POLICY FOR SECTION 1510

Reservations must be cancelled by the reservation deadline. Individuals with reservations not cancelled by the deadline will be responsible for the \$26.00 fee. Any un-cancelled reservation may be assigned by the individual for use by another person, however, the individual originally making the un-cancelled reservation maintains responsibility for its payment.



SAVE THE DATE

On Saturday June 9th at 7:15 pm in the new Miami Marlins stadium. ASQ will have excellent tickets for \$45 against the Tampa Bay Rays.

Watch for details!

(Continued from page 1)

Shawn Currie, our Voice of the Customer (Member) Chair, proposed an idea to our Executive Board that was implemented in our last Survey Feedback Form distributed to the attending members at the joint meeting held in January at the DoubleTree Hilton Hotel in Plantation. The last item added at the end of the form asks for input about quality questions, concerns, issues, etc. that our members would like to have answered. The intention is to have a data bank of these issues in case that a speaker has to cancel at the last minute and the Section cannot find a replacement. Then, at that meeting some of these issues will be presented and volunteered answers will be accepted from the attending members. This activity will take the place of the cancelled scheduled presentation and at least our earned RUs for the evening will be well deserved. Let's hope that this last minute cancellations will rarely happen but as the saying goes: let's prepare for a rainy day hoping that it doesn't rain. Your input to this data bank will be appreciated.

Our next meeting on March 13 will be at the Tropical Acres Restaurant in Dania. It will be a joint event with the Greater Palm Beach Section 1515. The topic will be "Becoming a High Performance Organization" by Bernadette Hughes, City of Tamarac. See details on this newsletter and our website www.asqsefla.org. Enjoy a networking dinner with your peers, watch an interesting quality related presentation, earn RUs, and you could be a winner of one of the two door prizes - \$25 gift cards - provided that you stay until the end of the event. See you there.

Eduardo

Important Notice to Section 1510 Members

Our monthly dinner charge cost of \$26.00 will remain the same although the price has been increased at venues such as Shula's to \$33.00 per person.

Your section is absorbing the increase to ease the cost for our members and their families.

Section 1510 — Special Notice About Classes

If you are contemplating taking any of our classes, please go to our web site (www.asqsefla.org) and click on 1510 Classes and sign up for all of the ones you are interested in.

You do **not** have to pay for them now. You are not obligated to take any of the classes you have signed up for at this time.

When we receive 5 requests we begin to put together a class. At that time you will be notified of the upcoming class and when and where it will be held. If you decide to take the class at that time you will be requested to pay for the class so we can order the books.

Now is a good time to register your interest because classes are forming for this year!

SECTION 1510—CALL FOR NOMINATIONS

Nominations are being sought for elected and appointed positions on the Section 1510 Board for FY 2012-2013. All members of Section 1515 are entitled to nominate individuals or themselves for leadership positions. Please submit your interest and experience to our nominating chair, Mindy Gross, at MindyGross@bellsouth.net.

SECTION 1515—CALL FOR NOMINATIONS

Nominations are being sought for the positions of Chair, Secretary, and Treasurer for FY 2012-2013. All members of Section 1515 are entitled to nominate individuals or themselves for leadership positions. If you are interested in serving section 1515 in a leadership role or know someone you think could be our next Chair, Secretary, and Treasurer, please send you nominations to nomination-chair1@ASQPalmBeach.org.

Employment Opportunities

Ads for individuals seeking positions are free to ASQ Section 1510 / 1515 members and subject to space availability.

Ads for open positions in a quality related field are free and not limited to ASQ members.

To place an ad, contact Placement Chair, Eleanor Chilson, (954)661-5197, or chilsone@bellsouth.net

QC INSPECTOR for Fast Paced Manufacturing Facility. Responsibilities: Inspect Precision Sheet metal, Machined, and Assembled products, Record results of inspections, Do what it takes to satisfy aggressive workload and meet customers' needs, Be proficient in Microsoft Office Outlook, Word, and Excel, Ensure Workmanship Standards are followed., Identify product quality problems; assist in the investigation of non-conformances, and the initiation of corrective action, Keep work areas neat and clean. Qualifications: High School education, Have 1 year mechanical Inspection, or machining experience – Manufacturing experience a PLUS Sheet metal/ machining/ job shop experience a plus, Must be able to read blueprints, Must be able to understand, and apply GD&T symbols, CMM experience a plus, Prior experience in an ISO 9000 environment, Ability to read, and write in English, Ability to stand for 4 hours, Ability to lift 70 Lbs to waist height, Flexible work schedule. Successful Candidate must be a Dedicated and Self-Motivated Team Player. Benefits, Incentive Plan & 401k. DFWP E-mail resume & salary history to: quality@decimal.net

Quality Control Inspector (Miami): Job Purpose: The QCI verifies compliance with work standards, SOPs, the ROH, and other requirements documents. **Essential Duties and Responsibilities (Day to day functions):** The QCI pays particular attention to the timeliness and accuracy of the work performed. The QCI screens documents to determine the accuracy of the data contained in them and determines which need corrective action. The QCI keeps various logs and uses random sampling to evaluate process efficiency, accuracy, and timeliness. The QCI is responsible for recognizing data problems that might invalidate samples, for investigating complaints, for reviewing violations found by USCIS personnel, and for preparing reports of findings and of actions needed or taken. The QCI recommends changes in SOP's, production standards, administrative procedures, and other actions that will improve contract performance. The QCI conducts frequent internal quality audits. **Minimum Experience, Education and Licensure:** High School Diploma or equivalent, U.S. Citizenship. Must have at least two (2) years experience in quality control activities. He or she must have the ability to identify problems and suggest solutions. The QCI must have at least one (1) year experience in conducting quality control activities in a records management, information management, or administrative services environment. Four years of experience as a clerk on the RSS/FOSS contract is substitutable for this specialized experience. Must qualify for a USCIS security clearance and a DSS Secret clearance. Computer skills required: MS Office **Minimum Knowledge, Skills and Abilities:** Ability to work effectively and efficiently in a team environment and relate well to others. Ability to show initiative and commitment to the company's goals. Ability to readily adapt to changing requirements. Strong commitment to performing and producing at the highest level of quality at all times. Ability to manage individual workflow effectively and improve processes when necessary. Ability to communicate clearly and effectively with coworkers both in written and verbal communications. Positive attitude focused on customer satisfaction **Physical Requirements:** While performing the duties of this job, the employee is occasionally required to stand; walk; sit; use hands and fingers to handle, or feel objects, tools or controls; use fingers and hands to type or write; reach with hands and arms; talk or hear; taste or smell. Specific vision abilities required by the job include close vision, distance vision, color vision, peripheral vision, depth perception, and the ability to adjust focus. **Work Environment:** This position is performed in a traditional production environment. *We are proud to be an EEO/AA employer M/F/D/V. We maintain a drug-free workplace and perform pre-employment substance abuse testing*

BE Aerospace in Medley, FL has an immediate opening for a **Quality Engineer, Responsibilities:** Performs professional Quality Engineering assignments of considerable complexity under direction with considerable discretion as to work details, Designs, installs and continually evaluates complex quality assurance and/or control methods and systems, Designs fixtures and processes to insure the continuing maintenance of product quality; may conduct vendor visits to insure quality; analyzes reports and returned products to determine quality trends and recommends correction action., May participate in materials review activities to determine material disposition., Develops standards and procedures to provide quality guidance and methods. **Requirements:** .Bachelor's degree in Engineering from four-year college or university; and minimum three years related experience and/or training; or equivalent combination of education and experience. Ability to read, analyze and interpret general business periodicals, professional journals, technical procedures or governmental regulations. Ability to write reports, business correspondence and procedure manuals. Ability to effectively present information and respond to questions from groups of managers, clients, customers and the general public. Please visit the following website to apply: https://beaerospace.tms.hrdepartment.com/cgi-bin/a/highlightjob.cgi?jobid=8216&lcid=en-US&is_preview=1

Verify / VSC is continually searching for **Independent Contractors** with a background in Quality. Experience in the Defense and Aerospace Industry preferred. If you are interested, please **send all inquiries via email to recruitment@vscnet.com**. You can also visit our website at www.vscnet.com for more information on our company.

QA professionals having backgrounds in engineering, manufacturing and quality. Gaumard designs and manufactures more than 200 simulators for health care education. These products include mechanical, electronic and software components. Responsibilities include developing procedures for inspection and testing of incoming components, work in process, and finished goods; reporting quality and reliability data; evaluating and reporting upon customer returns. **Send resumes to john@gaumard.com**.

BE Aerospace also has openings for a **Senior Customer Quality Engineer, QA Inspector II** and a **QA ODA Inspector III**. If interested in any of these positions, please contact: tetiana_danylchenko@beaerospace.com. Details for each of these positions are below.

Senior Customer Quality Engineer: Responsible for product excellence and implementation of quality assurance programs to provide defect free products to all customers. **JOB REQUIREMENTS:** BS/BA degree in an applicable field (engineering) with a minimum 5-7 years of Quality Engineering experience, Strong Problem Solving skills with over 4 years writing Corrective Actions, Excellent English communication skills, both verbal and written, ,Must be advanced in MS Word and Excel and PowerPoint, Must have Leadership skills leading teams, Must have over 3 years working with Customers, Must have Aerospace Industry Knowledge, Working knowledge of AS-9100/9120 Quality standard, **ADDITIONAL SKILL:** Knowledge of Lean Principles, Professional quality certifications (ASQ-CQE,CQA), Six Sigma Greenbelt certification, Strong knowledge of FAA regulations

(Continued on page 7)

Employment Opportunities con't

Quality Assurance Inspector II: Inspects incoming parts/material, verify that certification is correct, checks parts for processing, check special orders, in charge of micrometers, gauge controls, calipers, indicators, etc. Provides leadership to the Inspection team. **JOB REQUIREMENTS:**

Minimum of 4 years of experience in QA inspection methods and procedures, Fluent in English, reading, writing and verbal communication, Strong analytical, organizational and troubleshooting skills, Required to pass documented color and near vision exam, Knowledge of AS-9100 Requirements, Strong inspection knowledge with use of Calipers, ring/pin gages, comparator and smart scope, High school education or GED equivalent, **ADDITIONAL SKILLS:** Associate degree, Understanding of Six Sigma / team concepts preferred, ISO knowledge and understanding preferred.

Quality Technician for Deerfield Beach company Fast-paced Company with energetic environment designs hand tools and other consumer products is seeking a **Quality Technician** to **support the testing/inspection requirements for all hand tool products**, and to assist departmental manager in creating/updating all quality documents. The Quality Technician will be responsible for the correct set-up, operation, maintenance and calibration of all testing and dimensional inspection equipment. This position will ensure that all tests, specifications, methods, and procedures are in conformance to ANSI/ASME, Federal, customer or internal requirements. The Quality Technician will be in charge of collecting samples, performing tests, archiving testing samples and reporting all test results, and for providing advice which supports problem solving and continuous product improvement. **Essential Duties and Responsibilities:** Conducts & documents visual inspections (includes taking photographs of details). Conducts and documents dimensional inspections per ANSI/ASME/Federal, customer or internal requirements using optical comparator, calipers, OD micrometers, go/no-go gages, feeler gages, etc. Conducts and documents product testing per ANSI/ASME/Federal, customer or internal requirements using various types of testing equipment (Salt Fog Chamber, Environmental Chamber, Torque Tester, Rockwell & Micro Hardness Testers, Metallographic Equipment, Instron Universal Test System, Flashlight Test Equipment, etc.). Assists in maintaining equipment calibrations and maintenance requirements. Develops strong knowledge of all standards and specifications that relate to Company products. Evaluates results of product tests and inspections for compliance to standards/specifications and relative to competitive benchmarks. Analyzes test results for significant trends that may lead to failure or product improvement in the future. Provides technical support and guidance to Lab customers regarding appropriate testing, and interpretation of results, to include suggestions in order to improve product performance as applicable. Ensures all necessary lab supplies and tools are stocked appropriately. Performs other related duties as assigned. **Requirements:** Associates Degree in technical discipline required or equivalent combination of education and experience. Knowledge of ANSI/ASME/DIN standards and how to interpret the standards. Minimum 2- 4 years proven experience as a Laboratory Technician in a manufacturing and/or laboratory environment. Basic Blueprint Reading skills a must. Understanding the basic functions of the lab, ensuring all rules, regulations, safety procedures and proper equipment operations are followed a must. A can-do, customer centric attitude is a necessity. Motivated and creative problem solver – the ability to recognize a potential problem and assist with suggesting solutions. Knowledge of machines and tools, including their designs, uses, repair, and maintenance (salt fog chambers, hardness testers, environmental chambers, torsion testers, impact testing, etc.). Execution of tests in a manner that is repetitive and accurate, assuring work quality by requiring strict adherence to methods and procedures. Determining causes of operating errors and deciding resolutions. Proven experience using dimensional inspection tools (optical comparator, calipers, OD mics, etc.). Proficient Microsoft Office 2007 skills a must. Ability to communicate effectively, both verbally and written, with internal associates and external contacts at all levels a must. Ability to prioritize work and meet deadlines; excellent organizational and time management skills a must. Strong attention to detail essential. **For review and consideration, please provide salary requirements along with your resume. Alissa@Ironbridgetools.com No Relocation Package Provided.**

Quality Inspector: Neptune Research (NRI) is a fast paced composite manufacturer and we have an opportunity for a quality inspector. **Responsibilities:** Receiving, Production and Packing inspections, record results of inspections, logging of discrepant materials, corrective action processing with root cause analysis, ISO document control which may require writing work instructions / procedures and keeping documents updated and participation in our internal audit program. **Requirements:** Must be proficient in Microsoft Outlook, Word and Excel. Experience as a quality inspector with ISO 9001 required. If this position is of interest please send resume with salary requirements to Angie Griffin at agriffin@neptuneresearch.com.

Senior Quality Engineer: Join Synthes, USA a leading and growing global medical device company. We develop, produce and market instruments, implants and biomaterials for the surgical fixation, correction and regeneration of the skeleton and its soft tissues. We are present in every continent of the world and employ about 9500 people. The Power Tools Division located in Palm Beach Gardens, FL is seeking for a Senior Quality Engineer. The ideal candidate must have a minimum of 10 years quality/compliance experience in the medical device industry and Minimum of 5 years of direct contact experience with FDA. Must be able to read, analyze and interpret engineering/technical drawings, common scientific, technical and quality/regulatory documents specifications/drawings and use basic inspection tools. Experience with SAP preferred. We are proud to be an EEO/AA employer M/F/D/V. We maintain a drug-free workplace and perform pre-employment substance abuse testing. Please forward your resume to Powertools.recruiting@synthes.com

Quality Systems Validation Engineer— Responsible for writing validation protocols, final reports, and summaries of work for release of equipment, systems, and processes tested. Aids in performance of Process Validations, Cleaning Validations, and equipment and/or computer related system validations. Also, as assigned, responsible for ensuring change controls, records, and procedures are in compliance with current Good Manufacturing Practices (cGMP). **Contact: rkelly@noven.com**

QA Inspectors: Join Synthes, USA a leading and growing global medical device company. We develop, produce and market instruments, implants and biomaterials for the surgical fixation, correction and regeneration of the skeleton and its soft tissues. We are present in every continent of the world and employ about 9500 people. The Power Tools Division located in Palm Beach Gardens, FL is seeking for an experienced QA Inspector. The ideal candidate must have 3+ years' significant experience in Quality Inspection in a regulated industry. Must be able to read and comprehend specifications/drawings and use basic inspection tools. Experience with CMM or SAP preferred. We are proud to be an EEO/AA employer M/F/D/V. We maintain a drug-free workplace and perform pre-employment substance abuse testing. Apply at <http://www.synthes.com> at Careers / Palm Beach Gardens.

(Continued on page 8)

Quality Technician for Deerfield Beach company Fast-paced Company with energetic environment designs hand tools and other consumer products is seeking a **Quality Technician to support the testing/inspection requirements for all hand tool products**, and to assist departmental manager in creating/updating all quality documents. The Quality Technician will be responsible for the correct set-up, operation, maintenance and calibration of all testing and dimensional inspection equipment. This position will ensure that all tests, specifications, methods, and procedures are in conformance to ANSI/ASME, Federal, customer or internal requirements. The Quality Technician will be in charge of collecting samples, performing tests, archiving testing samples and reporting all test results, and for providing advice which supports problem solving and continuous product improvement. **Essential Duties and Responsibilities:** Conducts & documents visual inspections (includes taking photographs of details). Conducts and documents dimensional inspections per ANSI/ASME/Federal, customer or internal requirements using optical comparator, calipers, OD micrometers, go/no-go gages, feeler gages, etc. Conducts and documents product testing per ANSI/ASME/Federal, customer or internal requirements using various types of testing equipment (Salt Fog Chamber, Environmental Chamber, Torque Tester, Rockwell & Micro Hardness Testers, Metallographic Equipment, Instron Universal Test System, Flashlight Test Equipment, etc.). Assists in maintaining equipment calibrations and maintenance requirements. Develops strong knowledge of all standards and specifications that relate to Company products. Evaluates results of product tests and inspections for compliance to standards/specifications and relative to competitive benchmarks. Analyzes test results for significant trends that may lead to failure or product improvement in the future. Provides technical support and guidance to Lab customers regarding appropriate testing, and interpretation of results, to include suggestions in order to improve product performance as applicable. Ensures all necessary lab supplies and tools are stocked appropriately. Performs other related duties as assigned. **Requirements:** Associates Degree in technical discipline required or equivalent combination of education and experience. Knowledge of ANSI/ASME/DIN standards and how to interpret the standards. Minimum 2- 4 years proven experience as a Laboratory Technician in a manufacturing and/or laboratory environment. Basic Blueprint Reading skills a must. Understanding the basic functions of the lab, ensuring all rules, regulations, safety procedures and proper equipment operations are followed a must. A can-do, customer centric attitude is a necessity. Motivated and creative problem solver – the ability to recognize a potential problem and assist with suggesting solutions. Knowledge of machines and tools, including their designs, uses, repair, and maintenance (salt fog chambers, hardness testers, environmental chambers, torsion testers, impact testing, etc.). Execution of tests in a manner that is repetitive and accurate, assuring work quality by requiring strict adherence to methods and procedures. Determining causes of operating errors and deciding resolutions. Proven experience using dimensional inspection tools (optical comparator, calipers, OD mics, etc.). Proficient Microsoft Office 2007 skills a must. Ability to communicate effectively, both verbally and written, with internal associates and external contacts at all levels a must. Ability to prioritize work and meet deadlines; excellent organizational and time management skills a must. Strong attention to detail essential. **For review and consideration, please provide salary requirements along with your resume. Alissa@Ironbridgetools.com No Relocation Package Provided.**

Quality Inspector – Neptune Research (NRI) is a fast paced composite manufacturer and we have an opportunity for a quality inspector. **Responsibilities:** Receiving, Production and Packing inspections, record results of inspections, logging of discrepant materials, corrective action processing with root cause analysis, ISO document control which may require writing work instructions / procedures and keeping documents updated and participation in our internal audit program. **Requirements:** Must be proficient in Microsoft Outlook, Word and Excel. Experience as a quality inspector with ISO 9001 required. If this position is of interest please send resume with salary requirements to Angie Griffin at agriffin@neptuneresearch.com.

Mechanical Engineer— Location: Deerfield Beach, FL **Job Summary:** Join a fast-paced Company with an energetic environment that designs hand tools and other consumer products. The Company is seeking a Mechanical Engineer. The ideal candidate must have 5+ years' significant experience in mechanical design and new product development with the ability to apply engineering concepts and principals to improve existing products and processes to enhance quality, manufacturability and value. **Essential Duties and Responsibilities include:** Directs and manages the design, development, and modification of products and processes from conception to implementation/product launch. Develops project plans and leads development projects through stage-gate processes quickly, efficiently and with minimal risk. Generates project timelines/schedules and provide project status updates. Leads monthly Stage-Gate process management meeting by reporting on project status, KPI's, corrective action, root cause of problems and risks. Conducts FEA, FMEA and PFMEA analyses to minimize risk and improve project success. Reviews, initiates or approves engineering drawings, layouts, change orders and specifications. Applies engineering principals and analysis techniques. Generates product models, concept layouts, and prints using CAD Software. Applies geometric dimensioning and tolerance accordingly. Develops mechanical test protocols according to ASME/ASTM/customer standards and coordinates the activities required to fabricate test parts and complete mechanical testing. Collaborates with manufacturing during the design stages to incorporate manufacturability into the product designs. Initiates patent review of designs for freedom to operate. Provides technical assistance to Production and Quality functions, wherever such assistance may be needed, in relation to product development, quality improvement, value improvement or resolution of specific problems. Conducts lessons learned on key NPD projects to improve stage-gate process and continuously improve product development performance. Performs other related duties as assigned. **Qualifications / Requirements:** Bachelor of Science Degree in Mechanical or Metallurgical Engineering; plus 5 years strong background and experience in mechanical design. Effective Project Management work methods; Six Sigma experience a plus. 2-5 years of SolidWorks CAD, AutoCad, 2D, 3D (other programs such as Pro-E are acknowledged). Strong new product development background in consumer products. Strong results orientation in a fast-paced environment with open exchange of ideas with both internal and external team members. Proficient Microsoft Office skills a must. Strong communication skills both written and verbal; documentation skills a must. Self-starter, self-motivated, ability to accomplish project goals with minimal supervision. Ability to speak mandarin a plus. Candidate must be willing to travel to China (Ningbo/Shanghai Region) **For review and consideration, please send resume along with salary requirements to alissa@ironbridgetools.com No Relocation Package Provided.**

Upcoming Events for Section 1515

Dates	Event	Speaker	Topic	Venue
Mar 13, 2012 6:00-8:00pm	Joint Meeting with ASQ1510	Bernadette Hughes City of Tamarac	Implementation of the Florida Sterling Quality System	Tropical Acres Davie
Tentative Mar 27, 2012 5:30-7:30pm	Monthly Meeting	Jerome Beaumont Creaform3D	Portable Precision Noncontact Measurement Systems	NCCI
Tentative April 24, 2012 5:30-7:30pm	Joint Meeting ACHE Sixth Annual Joint Meeting	Scott Armstrong Currently at JMC previously at Pratt Whitney	Rapid Data Collection for Short Cycle Process Improvement	NCCI
May 3, 2012	Joint Meeting ASTD Fourth Annual Joint Meeting	Rosemarie Taylor	Intercultural Communication in Organizations	NCCI
June 6, 2012	Joint SME / ACHE / ASTD All Day Conference	6 Break Out Sessions	Adapting To Change: The Good, The Bad, The Ugly	Palm Beach Airport Hilton

Visit... ASQ Section 1515 Website: www.asqpalmbeach.org



The Variant



Section 1510 with Section 1515

March 2012

Sections 1510/1515 Joint Dinner Meeting - March 13, 2012

at the Tropical Acres Steakhouse

2500 Griffin Road
Ft. Lauderdale, FL
Phone: (954) 989-2500

Time: 5:30 p.m. registration/networking, 6:30 dinner, 7:15 p.m. presentation

Registration deadline: Sunday March 11, 2012 Noon.

Speaker: Bernadette Hughes, City of Tamarac, "Implementation of the Florida Sterling Quality System"

Dinner: \$26.00 for regular members, New members free with mailed coupon.

Menu: Shrimp Cocktail Tray, Fruit and Cheese Tray, Caesar Salad, Baked Potato, California Medley, Cherry Cheesecake, Rolls and Butter, Coffee and Tea

Entrée choice of: NY Strip Steak , Chicken Francaise or Vegetable Pasta Primavera

Door Prize Drawing. Make checks payable to "ASQ Section 1510"

Visit www.asqsefla.org to register.

Cancellations: Reservations must be cancelled by the reservation deadline. Individuals with reservations not cancelled by the deadline will be responsible for the \$26.00 fee. Any un-cancelled reservation may be assigned by the individual for use by another person, however, the individual originally making the un-cancelled reservation maintains responsibility for its payment."