

Tour of Canmet Materials Technology Laboratory

McMaster Innovation Park,
183 Longwood Road South, Hamilton

Thursday, November 8, 2012 – Starts at 3:15 pm

Duration of Tour & Presentation is 2 1/4 hours



CanmetMATERIALS is Canada's principal federal research and development laboratory for metals research, including materials for use in automotive applications, clean energy including nuclear power generation, major infrastructure such as pipelines, defence and eco materials. CanmetMATERIALS is well known for its pilot-scale facilities for metallurgy, supporting innovation in steel, aluminum, magnesium and other metals, alloys and composite materials for 70 years.

In collaboration with industry, CanmetMATERIALS develops and deploys technologies to improve all aspects of producing and using value-added products from minerals and metals. Specifically, CanmetMATERIALS focuses on research related to metal processing (casting, forming, joining, advanced materials, and prototype development), and maintains in-depth competencies for materials assessment (microstructural characterization, corrosion, physical and mechanical testing) to:

- achieve higher performance from metal alloys and metal- or mineral-based materials for a wide range of end-use applications
- develop advanced materials for next-generation vehicles
- improve the reliability of Canada's energy infrastructure, such as oil and gas pipelines and nuclear power generation systems
- develop specialized materials for current and future industrial systems to help Canadian companies use energy efficiently and reduce air emissions and waste
- provide sound technical input to standards and codes development
- promote innovation and enhance the competitiveness of Canada's value-added and related product industries
- assist Canadian firms to use more efficient production techniques, resulting in energy and cost savings

CanmetMATERIALS houses the Government of Canada's Non-Destructive Testing Certification Agency, a key service that has been in existence for over 50 years.

How to Register for the CanMATERIALS Lab Tour

The Section is charging a \$20 fee for this Tour and Presentation.

**Both ASQ members and non-members may attend.
Bring protective footwear for access to some areas.**

**To register please email Judi Mansfield-Jones jmj@nanoquestinc.com
by noon on Thursday, November 1
Providing your name and phone number.**

Registration will be on a first respond basis. Once registered a confirmation will be sent by e-mail with information on payment, parking, meeting place and safety requirements.

A Message from the Chair

Our section membership meeting on September 27 was excellent. Andy Hofmann spoke to us about ISO 50001, the new energy management standard. Andy has spoken to us before on other topics and once again provided a thought provoking session. He was informative and personable and made the subject entertaining. He is an excellent performer and well known across the Quality Community.

Unfortunately our attendance was not as large as we had hoped. Andy should have been a good draw. As this was the first meeting of our calendar year the membership who have chosen to receive communications were e-mailed notices twice and were mailed the newsletter as well. Three separate communiqués usually have more of an effect on attendance than was achieved.

Everyone whom we could contact knew about the meeting. So why were so few members in attendance and how do we find out?

It was not the weather as it was a lovely evening. It was not traffic as it was clear sailing from every direction of which I was aware. Is it the location? Is it the format? Is there not enough reward for coming? Well my friends, guessing is a poor method towards corrective action. **Frankly we don't know what is not in compliance with our meeting to begin with so how can we work to correct what we don't know?**

I'm looking for answers. Please let me know what as an ASQ member you need from our meetings to make it worth your time to attend. What interests you enough to come out for an evening? Also, and just as important is what limits you from attending?

I'm asking for a very quick response here. Don't take time to answer but answer. You don't even need to be nice about it if you don't wish. I am expecting negative replies. There must be negative opinions or you would all be at the meetings. This is not one of those ASQ surveys. It's not even scientific. It's down and dirty.

My name is Rory Jones. My e-mail is rlj@nanoquestinc.com. I'm looking forward to hearing from you folks.



Rory Jones Chair, ASQ Hamilton Section 400

Our full Calendar of Events for the 2012-13 year will be posted on the Section's website once the program has been finalized.

Quality Assurance Courses at Mohawk College, Hamilton

Message from Bill Stewart, Continuing Education Program Manager

ASQ Hamilton Section Colleagues,

You may have noticed that the Mohawk College Continuing Education (CE) catalogue has contained statements that the Quality Assurance Level 1 courses are to be suspended. My aim is to reverse the downward trend of registration in these courses and that is why we need your help as a member of ASQ Hamilton Section. Most of you know me through ASQ or as an instructor of some of the college courses.

Mohawk College offers a series of quality related CE courses applicable to business, service industry and manufacturing. There are six courses that can be taken individually for a specific skill upgrade or completed in order to obtain the Quality Assurance Certificate. The courses can also be utilized as a knowledge base for writing the ASQ certification exams.

In January 2013 Mohawk CE is offering:

- QC101 Quality Concepts, Techniques and Motivation - commences Wednesday, January 9
- QC104 Availability, Reliability & Maintainability – commences Monday, January 7

In order for these classes to run we need 8 – 10 individuals to sign-up for each class

I would appreciate it if you would pass this information on to a colleague or an appropriate individual internally or externally in order to aid in upgrading their skills and to increase the awareness of the CE courses offered by Mohawk College. We need to increase enrolment in order to run these courses for the benefit of our quality colleagues.

The course offering plan for 2013 is:

QUAL QC101	Quality Concepts, Techniques & Motivation	Jan		
MATH QC102	Statistical Process Control 1 (SPC 1)		May	
MATH QC103	Statistical Process Control 2 (SPC 2)			Sept
QUAL QC104	Availability, Reliability & Maintainability	Jan		
METR QC105	Principles of Metrology			Sept
QUAL QC106	Inspection & Testing		May	

Two other courses which may be of interest are:

- MECH 10024 Co-Ordinate Measuring Machines (CMM)
- MECH BD855 Geometric Dimensioning & Tolerancing (GD&T)

A complete description of each of these courses is found in the Mohawk College catalogue.

More information and registration at ce.mohawkcollege.ca (*CRN required) (Courses are under "Engineering Technology"). Catalogue: Electronic & printed version will be available Nov 19, 2012. Or call 1-888-385-4295.

Bill Stewart, CQT, CQE, Mohawk College CE Program Manager.

E-mail: william.stewart6@mohawkcollege.ca



Other Upcoming ASQ Events

Event	Organizer	Date	Details
Innovation in Ontario Healthcare - The Scarborough Hospital Journey – by Alfred Ng, Director, Office of Innovation & Performance Improvement	ASQ Toronto	Nov 14, 2012	www.asqtoronto.org
Effective Business Correspondence – by Elizabeth Quijano, Professor, Humber College	ASQ Toronto	Nov 24, 2012 Breakfast Meeting 8:30 – 11:30 am	www.asqtoronto.org
How to Prepare for Certification Exams – by Valerie Dixon, Learnware Design	ASQ Hamilton	Jan 31, 2013	See January 2013 Newsletter



Web-based CQE Practice Exams

ASQ Hamilton Section provides a complimentary web-based e-learning solution for candidates wishing to become ASQ-Certified Quality Engineers (CQE). For further details go to: <http://www.asqhamilton.com/cqepexam.htm>



Jobs and Ads Web Page

Check out our Jobs & Ads web page for employment opportunities in the quality field.

Link on side bar at www.asqhamilton.com

ASQ Hamilton members seeking employment or a career change can also have their resumes posted in the Classified section of our Jobs and Ads web page. There is no charge for this service to our members. Resumes (MS Word preferred) should be sent to the section webmaster

Stan Sobota at stats_me@email.com



The ASQ Hamilton Section Newsletter is posted online about seven times per year to announce upcoming section meetings, facility tours and other events of interest to members.

The newsletter will be sent electronically only to those members who have agreed to receive Section information by e-mail.

Except for the September issue, the newsletter is not sent out by regular mail.

IMPORTANT: To ensure that you receive your copy, as well as special announcements of ASQ events in between issues, check your ASQ profile at www.asq.org. Log in and type the word profile in the search box. Select My Account: Update Your My ASQ Profile, and verify that your correct e-mail address is included in your profile.

**IF YOU HAVE CHANGED YOUR E-MAIL ADDRESS,
PLEASE UPDATE IT AS DESCRIBED ABOVE.
WE CANNOT UPDATE YOUR E-MAIL ADDRESS AT THE SECTION LEVEL.**

