



Tech Talk

CSCT Member Profile: Eric Mead, FCIC

Eric Mead, FCIC, is a retired college instructor who has been an active member of the CIC and CSCT since the 1970s. Starting in 1994, Mead served as a member of the CSCT Board of Directors, and as vice president and president of the CSCT from 1995 to 1998. He also served on the CIC board and as CIC vice chair and chair from 2001 to 2003. In 2001, Mead was involved in organizing the first Western Canada Student Symposium and initiated the Faculty Advisor Award to recognize the work of chemical technology instructors. Since 2003, he has served the CSCT by offering the Laboratory Safety Course. Mead was also actively involved in the North Saskatchewan CIC Local Section and was on the organizing committees of the



CSC/ and CSCHE national conferences held in Saskatoon.

Mead participated on the Canadian Technology Accreditation Board (CTAB) between 1996 and 2001 as a member of the board and as an accreditation auditor for several college programs.

In 1999 the CIC recognized Mead by making him a Fellow of the Institute. This honour is granted to members who have made outstanding contributions to the field of chemistry, public awareness and service to the Institute.

What a busy guy! Eric Mead and his work is an inspiration for all of us.

This is the first of a planned series of member profiles, which will serve as an informal way of recognizing and thanking members for their commitment to CSCT. In addition, these profiles will serve to highlight for members the levels of commitment that some of their fellow members have made to our society.

Do you know a CSCT member who we should profile? Contact us and let us know why!

CSCT Eastern Student Symposium

CSCT members, in particular chemical technology students, from eastern Canada are invited to participate in a special one-day CSCT symposium on Tuesday, October 25, 2011 at the Canadian Chemical Engineering Conference at the London Convention Centre, London, Ont..

The program will include career talks, and a student poster competition in the morning followed by discussion of research collaboration between colleges, universities and industry. Details on the Symposium are still being finalized but will be posted as they become available at www..scshe2011.ca.

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Laboratory Safety Course

September 19-20, 2011— Vancouver, B.C.

October 24-25, 2011— London, Ont.

For more information about the course and locations, and to access the registration form go to www.cheminst.ca/profdev

NEW 2011 CERTIFIED CHEMICAL TECHNOLOGIST (cCT) RECIPIENTS

- Eric Lee, MCIC, Thornhill, Ont.
- Craig Kelly, MCIC, Newcastle, Ont.

2011 International Year of Chemistry

National Chemistry Week

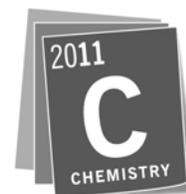
October 15-22, 2011

Canada's premier outreach event will be held in October. National Chemistry Week involves students and their instructors showing chemistry to youth and the public, it is also for the chemical community at large to get involved. Events are held in schools, at shopping malls, at company facilities and in the communities. It includes chemists, chemical engineers and chemical technologists and tech-

nicians. Get involved at community events or simply speak to your neighbour about what you do or why your work is so important to everyday life.

How to get involved in IYC

- Visit www.iyc2011.ca for event ideas and tools .
- List your events on IYC's Calendar of Events, and take advantage of our Facebook and Twitter.



International Year of
CHEMISTRY
2011

TechTip

Reporting Data

Why is it important to report data only to the number of significant digits specified in a specification or in a test method?

On Certificates of Analysis (COAs) over reporting significant digits may make it appear that the sample tested does not meet specification. For instance, if the sample tested has a vapour pressure of 72.2 kPa and this number is reported, as is, the sample appears to be off-specification. However, if the result is rounded to the proper number of significant digits using ASTM E29, it is obvious that it meets specification

For reporting on a data report (not on a COA), refer to the appropriate section of the Test Method used for details on the number of significant digits required. Be aware that details of reporting can be found in various sections of Test Methods.

Poor Reporting

Test	Units	Minimum	Maximum	Test Result
Vapour Pressure	kPa	35	72	72.2

Good Reporting

Test	Units	Minimum	Maximum	Test Result
Vapour Pressure	kPa	35	72	72

Test Method Example:

ASTM D5191 states in "Section 15. Report: Report the DVPE value to the nearest 0.1 kPa. For reporting of vapour pressure, as per the Test Method, a result of 72.2 kPa would be reported as 72.2 kPa.

More on variability and specifics on rounding will be discussed in a future issue of *Tech Talk*.

Redefining the CSCT

In order to meet the needs of CSCT members who are from a more diverse range of technical backgrounds, the CSCT Board is looking into redefining the CSCT to include those technologists and technicians working in the fields of environmental, biochemical, pharmaceutical and food technology and other related fields.

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