

# Perspectives

## Advancing Green Power

**W**hen the lights went out in parts of Canada and the northeastern United States in August 2003, a New York City police precinct never missed a beat. That's because it operated off-grid, generating its own power with a clean-energy fuel cell.

Since then, a run-up in oil prices has stepped up interest in alternate energy sources. But as Pat Keindel, President, Standards, CSA told delegates at The Hydrogen and Fuel Cells Conference and Trade Show on September 28, alternative energy technologies will only be successfully adopted into mass market applications, if government and industry leaders in Canada and around the globe actively embrace standards solutions.

"By creating consistency, uniformity and interchangeability, standards help speed up the development of alternative energy technologies and can help smooth the adoption process," says Ms. Keindel. "We have seen in the IT industry how common protocols have helped build market growth. Similarly, by developing standards relating to greenhouse gas (GHG) emissions, Canada has an opportunity to bring world-leading technologies and services, as well as sound environmental policies, to the fore."

The international conference, held in Toronto September 25-28, was sponsored by The Canadian Hydrogen Association, Fuel Cells Canada, and the Governments of Canada and Ontario. More than 700 delegates met to discuss the latest research developments and commercial activity in this growing industry.

Ms. Keindel's presentation was an opportunity to highlight CSA's many initiatives relating to climate change. These include administration of an ISO working group that will soon release new international standards that seek to limit the growth of greenhouse gas concentrations in the earth's atmosphere. She suggested that they could, in fact, form "building blocks" for company, national or regional GHG reporting (be it mandatory or voluntary), emission trading and verification schemes.

"The standards community offers a unique opportunity to share best practices and promote the widespread adoption of environmental standards around the world," said Ms. Keindel. "Standards are dynamic documents, regularly reviewed and frequently updated to reflect advances in technology. They provide a continuous and closed loop by which incremental improvements can be recognized and embraced," she said.



**Pat Keindel, President, Standards, CSA** pictured at the podium following her presentation at The Hydrogen and Fuel Cells Conference and Trade Show

Ms. Keindel concluded by saying that the inclusive and highly collaborative process of standards development is a way to bring together affected stakeholders and shape effective public policy.

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**Michel Girard, Director, Climate Change, CSA**

## Expanding Climate Change Services Portfolio

**C**SA is pleased to announce the appointment of Michel Girard into the newly created position of Director, Climate Change, to be based in CSA's Ottawa office.

In his most recent role, Mr. Girard was the Director, International Affairs, Climate Change Bureau with Environment Canada. During his career in the federal

public service, Mr. Girard has worked in the environmental assessment, enhancement and international affairs areas, as well as on federal-provincial strategies and corporate management for Agriculture and Agri-Food Canada. He has been granted a Ph.D. in History of environmental policy from the University of Ottawa.

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# From Vein to Vein and Beyond

## Canada's blood supply to benefit from new CSA standard

Thanks to the efforts of CSA's Technical Committee on Blood and Blood Components, Canada now has a comprehensive standard encompassing the nation's blood system; from donor selection, collection and processing, to transfusion and post-transfusion follow-up – in other words, from vein to vein and beyond.

CSA-Z902-04, *Blood and Blood Components* was officially launched on September 22, 2004 at a CSA news conference held at St. Michael's Hospital in Toronto, Canada. Mr. John Walter, Senior Director, Standards Development, was CSA's media spokesperson for the event, and was accompanied by the Technical Committee Chair and Vice-Chair, Dr. Gilles Delage and Dr. John Freedman, as well as Dr. Barbara Hannach, Medical Director, Canadian Blood Services.

The voluntary management system standard is designed to help health care professionals and facilities maintain and enhance the quality and safety of Canada's blood system. While the current blood system is regulated and an existing standard covers blood transfusion, CSA-Z902-04 marks the beginning of an integrated, Canada-wide approach to blood standardization, combining in one single document provisions for both hospitals and blood operators.

Commissioned by Health Canada, the standard is expected to make a difference to the thousands of people whose lives depend on Canada's blood supply. According to a recent survey conducted by Leger Marketing, one in five Canadians said they would be more likely to donate blood knowing there was a national standard in place covering Canada's blood system from collection to transfusion.

"Considering only about 3.5 per cent of Canadians currently give blood, this standard could have a very significant impact on Canada's blood supply," says Pat Keindel, President, Standards, CSA. "The CSA standard may encourage more people to donate blood."

The standard includes requirements for policies and procedures, quality management, physical plant and equipment. It emphasizes donor screening; testing of components for pathogens; careful matching of component to patient,



including positive identification, cross match testing and informed consent; and full traceability of blood throughout the system.

To date, CSA technical committee members have developed more than 150 health care standards. In 2003, CSA published Canada's first management system standard on cells, tissues and organs for transplantation and assisted reproduction. CSA also maintains a series of standards on the sterilization of medical equipment, and is working on other pressing issues such as medical device alarms, risk management and electronic health records.

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## Cold Knowledge is Hot on World Stage

In an example of applying Canadian best practices to global challenges, the world's oil and gas industry will soon benefit from international requirements for Arctic offshore structures.

Thanks to the pioneering work of Hibernia and Terra Nova oil developments off the coast of Newfoundland, Canada is world renowned for engineering for cold



**Outside St. John's, NFLD, encroaching icebergs are "lassoed" with a heavy cable and towed by a platform support vessel into a different trajectory.**

regions, where heaving ice floes and large icebergs can put tremendous pressure on offshore structures.

Now, as administrator of an ISO working group on Arctic offshore structures, CSA is leveraging Canadian made solutions to develop an international standard for design, environmental and load requirements. The result will contribute to human safety while providing industry with a more uniform and cost-effective way to explore the world's most promising and secure offshore oil frontiers, which lie in northern Canada, Russia and the Caspian Sea.

Two Canadians serve as convener and deputy convener of the group (Working Group 8 of Sub-Committee 7 of ISO TC67): Denis Blanchet, of British Petroleum Americas and Ken Croasdale, of K.R. Croasdale and Associates respectively. Along with fellow Canadian members, they are contributing scarce expertise and knowledge to global standards development, earning a well-deserved profile for Canadian industry.

At a meeting in Kazakhstan, for example, the country's minister of industry and trade served as co-chair, while the discussion was carried live on local television.

The group collaborates with 20 member country representatives and 110 technical experts. When they're not meeting in Paris, Norway or Kazakhstan, the group does business over the Internet in CSA's Online Workspace.

"It has been an invaluable tool," says Lawrence Fogwill, Project Manager, Offshore Structures. "We simply couldn't complete the work without it".

The group also benefits from strong industry support. "Our progress has hinged on the travel funding provided by our member's employers," adds Mr. Fogwill. Given our international breadth, we would be nowhere without that support."

A working draft will be published this fall, with editing to begin in February, 2005.

Contact **Lawrence Fogwill, Project Manager, [lawrence.fogwill@csa.ca](mailto:lawrence.fogwill@csa.ca)**

## Up Next: Election Year

*A Message from Doug Hatch, Chair, Corporate Governance & Nominating Committee and Chair of the Board, CSA Group*



**Doug Hatch, Chair, Corporate Governance & Nominating Committee and Chair of the Board, CSA Group**

At the 2004 Annual General Meeting, revisions to CSA by-laws were passed that made the Nominating Committee, renamed the Corporate Governance & Nominating Committee (CG&NC), a permanent committee of the Board. Its mandate was expanded to ensure ongoing evaluation and advice to the Board on best practices in corporate governance, in addition to its historical nominating function.

The process by which candidates are considered and proposed for election to CSA's Board of Directors is a very important governance issue. The slate of *elected and appointed* candidates has typically been proposed or nominated by the Board's Nominating Committee, with approval of the Board. Every two years, a slate of to-be *elected* nominated candidates is proposed for election by voting members at the Annual General Meeting. On occasion, voting members have exercised their right under the by-laws to propose candidates in contest with the nominated slate. An elected Director serves a term of four years.

The candidates who will be presented to you for *election* at the next Annual General Meeting (in Kelowna, June 2005) are not the only ones proposed for Board membership. The CG&NC will also recommend to the Board the *appointment* of eight people as directors. The Board will consider these recommendations at its first meeting following the AGM. Because appointments are for two years, most *new* Board members have, in practice, joined the Board by appointment rather than election.

The CG&NC puts forward nominees with the strategic objective of achieving a balanced Board representing the Association's various stakeholders – industry, government, regulatory bodies, consumer groups and standards users – giving due consideration to demographic and geographical representation. From time to time, certain expertise or a strategic relationship may need to be represented on the Board.

Ultimately, the nomination process performed by the CG&NC is a sensitive one, carefully considering the balance of representation and expertise of nominated candidates, candidates for appointment and incumbent directors.

As a permanent Committee, the CG&NC maintains a standing list of capable persons who can be expected to make good contributions to CSA's Board of Directors. The CG&NC welcomes recommendations from the membership at any time. It will soon initiate a formal review of the candidates' list, considering the strategic objectives mentioned above and priorities to be met by the next nomination process.

As Chair of the CG&NC, I invite you to contribute to this process. If you have suggestions for candidates, please forward their names with an appropriate biography to the attention of RJ Falconi, Vice President, General Counsel & Corporate Secretary, Phone (416) 747-2722; Fax (416) 747-4397; Email: [rj.falconi@csagroup.org](mailto:rj.falconi@csagroup.org)

## The Corporate Citizen

*New Guidelines for Corporate Social Responsibility*

Responding to stakeholder concerns, companies are grappling with the concept of corporate social responsibility (CSR). But what exactly is CSR and what does it mean for an organization?

These and other questions are addressed in *PLUS 9018 Guideline for Corporate Social Responsibility*. Using a management systems approach, the new CSA guide helps organizations identify the scope of CSR issues and establish, implement and maintain a CSR system. The guide was published in June of 2004 and is available at [www.ShopCSA.ca](http://www.ShopCSA.ca).

The guide identifies areas where organizations have an impact and can demonstrate CSR practices. These include the environment (such as resource

use and pollution control); the workplace (including working conditions, health and safety practices); community and society (such as community relations, human rights); business ethics (for example, procurement and gifts/entertainment); and governance (including transparency and board independence).

CSA also monitors related ISO standards development activities. A new working group, led by Brazil and Sweden, is developing an international CSR guideline, drawing on relevant guides, including CSA's. The group is scheduled to convene in early 2005.

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## By-Laws Update

*RJ Falconi, Vice President, General Counsel & Corporate Secretary*

Following notification to members in May, three by-law amendments were approved by the membership at CSA's Annual General Meeting in June, 2004.

The first expands the mandate and size of the Board's Nominating Committee (renamed Corporate Governance & Nominating Committee) to advise the Board on a continuous basis on best practices in corporate governance. This issue has become a priority for all kinds of enterprises and associations, and will serve the best interests of the Association.

The by-laws will also be amended to read in gender-neutral form (chairman to chair, for example), and to allow for member notification by electronic means.

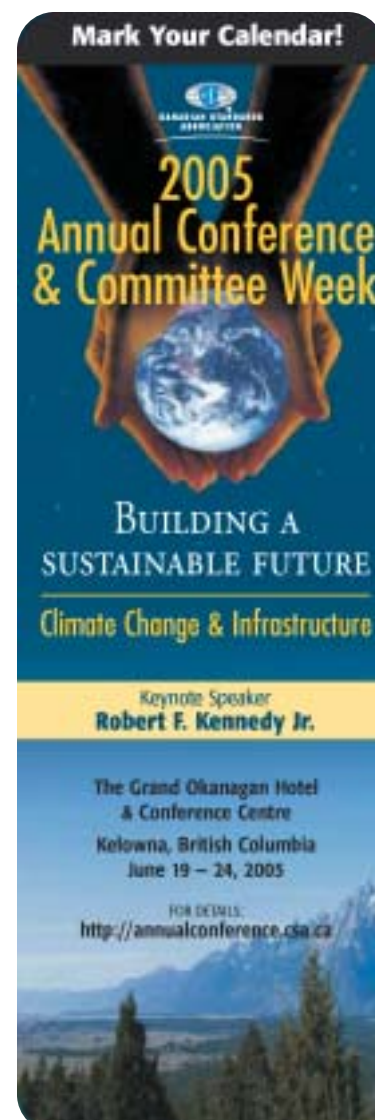
The by-laws will be posted for access by members only at <https://member.csa.ca>, or you may request a hard copy from **Cathy Frederickson, Manager, Member Services** at [cathy.frederickson@csa.ca](mailto:cathy.frederickson@csa.ca)

## The 2005 Annual Conference

*Building a Sustainable Future*

Join fellow CSA members from June 19 to 21, 2005 for another not-to-be-missed conference program. Connect with business leaders, regulators, consumers and others to explore current issues and brainstorm workable solutions for climate change and infrastructure. Take the opportunity to network with colleagues, attend interactive sessions, participate in lively discussions and discover the valuable role standards play in our society.

With a beautiful backdrop of Kelowna, BC, the 2005 annual conference, *Building A Sustainable Future* promises to be an event you won't want to miss!



# Upcoming EVENTS 2004 FALL



The CSA Learning Centre offers convenient access to the combined training resources of the entire CSA Group.

The CSA Learning Centre offers seminars on the following topics:

- Accident Investigation
- Safeguarding of Machinery (in collaboration with IAPA)
- Managing an Effective Lift Truck Program (in collaboration with IAPA)
- Implementing the CSA Privacy Code
- Respiratory Protection Series \*
- Fall Protection Series
- CE Code Essentials \*
- Bonding and Grounding of Electrical Equipment
- CEC/NEC — A Comparison of Requirements \*
- Code for Power Press Operation
- Design, Installation and Maintenance of Electrical Equipment in Hazardous Locations
- EMI — Electrical Disturbances
- Emergency Preparedness and Response

\* available in French and English

- Oil and Gas Pipelines – based on CSA Z662
- Quality Breathing Air - SCBA Administrators in the Fire Service
- Infection Control During Construction & Renovation in Healthcare Facilities
- Auditing Infection Control
- Auditing to the CSA Privacy Code
- Control of Hazardous Energy - Lockout and Other Methods
- QMI – The ISO 9001:2000 Training Series \*
- QMI – The OHSAS 18001 Training Series \*
- QMI – The ISO 14001 Training Series \*
- QMI – Medical Devices - ISO 13485:2003 - Essentials Course
- QMI – ISO 9001:2000 - Process Auditing Course \*
- QMI – ISO 9001:2000 – Customer Satisfaction \*

### MARK YOUR CALENDARS

**FEBRUARY 21-22, 2005** – B44 SAFETY CODE FOR ELEVATORS – THE 2004 EDITION  
**MARCH 21-23, 2005** – 2005 NORTH AMERICAN ROBOT SAFETY CONFERENCE

**CSA and QMI present a three-day conference addressing the critical issues affecting environmental and OH&S management systems.**

Sessions include:

- Key changes to the new ISO 14001 standard
- Case studies on implementing ISO 14001 and the economic & social benefits
- Successfully implementing an Integrated Management System
- The role of EMS in public policy and corporate social responsibility ...and more!

*Each attendee receives a copy of the newly released ISO 14001 standard!*

**When & Where:** January 19-21, 2005, Toronto  
**For more information or to Register:**  
[www.ShopCSA.ca](http://www.ShopCSA.ca), 1-800-463-6727

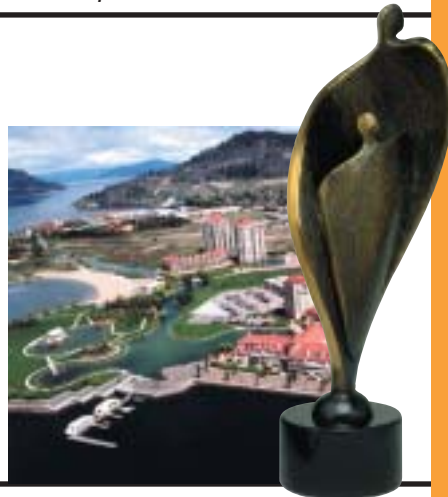
For more information, or to register please call 416 747 4017 or 1 800 463 6727, email [seminars@csa.ca](mailto:seminars@csa.ca) or visit our Web site at <http://learningcentre.csa.ca>

## Call for Nominations

The Canadian Standards Association's strength is in its membership. Each year, the contributions made by our volunteer Committee Members to the world of standards are honoured through the presentation of the John Jenkins Award and the CSA Award of Merit.

The 2005 awards will be presented to the recipients at the CSA Annual Conference, held at The Grand Okanagan Lakefront Resort in picturesque Kelowna, British Columbia.

Visit [www.csa.ca/membership/awards](http://www.csa.ca/membership/awards) to access an Online Nomination Form or to download a Nomination Package



## Taiwan Connection

CSA's presence in Taiwan dates back almost 30 years, but recently, growing export markets and a desire for reliable certification services to internationally recognized standards, has stepped up the pace of business. The country accounts for 16% of CSA's sustaining members.

"North America has always been an important overseas market for Taiwan, but interest in Europe has been rising, creating huge demand for the IEC CB Scheme and CE marking service," says Curtis Lin, Managing Director, China Technical Services (CTS), CSA's partner in Taiwan. CTS started doing inspections for CSA in 1991. The next year it became an Authorized Testing Laboratory of CSA, performing testing and certification reporting.

Mr. Lin recently visited Toronto to provide feedback on client services. As part of his visit, Mr. Lin met with numerous representatives at both CSA International and the CSA headquarters at Spectrum Way. During his visit at CSA, he was able to see first-hand the facility and the state of the art training venues.

"Given the importance of our members in this part of the world, we always seek ways to upgrade our service and benefits to them," says Mr. Lin. A few were able to travel to Quebec for CSA's Annual Conference in June. "It's important that CSA members, partners and clients are able to participate in building relationships," he adds.



**Curtis Lin en route to CSA's Annual Conference pictured with John Walter, Senior Director, Standards Development, CSA**

## Perspectives

The Canadian Standards Association publishes Perspectives for its membership.

To obtain more information about the services described, contact the person(s) listed at the end of the articles or call toll free at 1-800-463-6727 or, in the Toronto area, (416) 747-4004.

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