

Certification NEWS

Ash Sahi Appointed CSA Group President & CEO

The Board of Directors of CSA Group announced the appointment of Ash Sahi to the position of President and Chief Executive Officer of Canadian Standards Association (CSA Group), a global provider of standards solutions, testing and certification services and consumer product evaluations, on October 26.

He succeeds CSA Group President and CEO, Robert M. Griffin, who will retire from CSA Group after 11 years of outstanding service to the organization.

As President and CEO, Sahi will be responsible for providing leadership and direction for the global company with offices, testing laboratories and affiliates in more than 60 countries worldwide. CSA Group employs more than 1,400 people serving approximately 35,000 customers, and has over 9,000 volunteer members that serve on various committees for standards development. CSA Group's vision is for a better, safer, more sustainable world where standards work for people and business.

"Ash Sahi brings 30 years of global business experience, an impeccable track record in international business development and government relations, and a passion to lead and build on CSA Group's 90-year history," said Brian McQueen, Chair, Board of Directors, CSA Group. "The Board of Directors undertook an exhaustive search to find a progressive and visionary leader with strong business acumen, a passion for making a difference in

people's lives and a determination to continue expanding CSA Group's business solutions and service offerings. Ash Sahi has these qualities and we look forward to his leadership."



Ash Sahi, President and Chief Executive Officer of CSA Group

Sahi started his career at DuPont Canada Inc. and managed a number of global businesses for the firm over the past 25 years in the capacity of General Manager and CEO. During his tenure, he worked in Business Development, R&D and was involved in mergers and acquisitions internationally. His last role was CEO of DuPont Liquid Packaging Systems operating in Europe, Asia and North America. Mr. Sahi has also held senior level positions in the Federal Government as a Special Advisor Privy Council and Director of Industry and Trade. In 2004 he assumed the position of President and CEO of Hartmann North America. Hartmann is a publicly listed firm on the Copenhagen Exchange. Mr. Sahi is also Chairman of a prepared foods company, Chef Bombay.

"I am delighted and honored to assume the leadership of this unique global organization," Sahi said. "The CSA certification marks speak to the importance of what we do. I look forward to developing new client relationships in different markets worldwide, expanding standards development and training and enhancing the organization's new service offerings."

Sahi graduated from McGill University in Chemical Engineering, has an MBA from the University of Toronto and is a Chartered Director from McMaster University.

CSA Group Acquires UK-based SIRA

CSA Group acquired SIRA Test and Certification Limited, a world leader in the conformity assessment solutions field which specializes in the testing of safety equipment used in potentially explosive atmospheres, and three affiliated companies, on July 3, 2009.

CSA Group acquired four SIRA companies: SIRA Test and Certification Limited (STC); SIRA Certification Service (SCS); SIRA Environmental (SEL); and SIRA Consulting Limited (SCL).

"The decision to acquire four SIRA companies is in alignment with CSA Group's strategic objective to be among the world's largest safety certifiers and is a component of CSA International's business strategy to focus on Hazardous Locations testing," said Randall W. Luecke, President of CSA International and OnSpeX. "As a combined company we will extend to our clients facilitated access to European, North American and other markets, in a specific fast-growing and complex testing

business. Adding SIRA will serve as an important building block in the global expansion of CSA International's Hazardous Locations testing business and service offerings."

SIRA has been at the forefront of Hazardous Locations business for more than 25 years. SIRA is the UK's leading Notified Body (appointed by the United Kingdom government) specializing in testing and certification of equipment intended for use in potentially explosive atmospheres. SIRA has issued more than 3,000 product certificates, including more than 1,800 ATEX (Atmosphères Explosibles) certificates and is also among the top certification bodies issuing IECEx (International Trade of Electrical Equipment used in Explosive Atmospheres) certificates of conformity.

"CSA International is the best fit for overall growth in terms of company culture, shared business vision and SIRA's positioning as a part of a leading global

certification and testing organization," said Mike Shearman, Managing Director, SIRA. Jointly SIRA and CSA International extend their lead in the hazardous location and environmental certification markets."

SIRA examines and tests equipment against both European standards (EN) for ATEX Directive 94/9/EC, and International (IEC) standards for an IECEx Certificate of Conformity. SIRA also issues UKAS accredited product certification against a range of other British, European and International standards, as well as reports against other approval body standards.

Headquartered in Chester, with labs and offices in Bakewell and Crayford, the SIRA companies employ 55 people, including specialized engineers and management.

For more information, visit: www.gethazloc.com or www.siracertification.com

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CSA INTERNATIONAL

CSA Group Attends ICPHSO

CSA Standards and Health Canada co-hosted the sixth annual International Consumer Product Health and Safety Organization's (ICPHSO) International Cooperation on Product Safety Symposium, Oct. 26-28 in Toronto.

Ash Sahi, President and CEO of CSA Group, presented at the Oct. 27 opening plenary session, along with ICPHSO President Rachel Weintraub, Assistant Deputy Minister of Health Canada Paul Glover and the President and CEO of the Ontario Electrical Safety Authority, David Collie.

Sahi addressed the International Meeting and Training Symposium with a call to businesses, governments, NGOs, standards developers, testing and certification organizations, lawmakers and other stakeholders to work together to create a better, safer and more sustainable world through improvements in worldwide product safety.

"Enormous changes in the global economy, escalating pressure on our environment, advances in technology and global supply chains, all have significant implications for and connections to product safety," Sahi said. "It is only through systematic and sustained global cooperation, such as the ICPHSO meeting, that we can proactively address consumer product safety."

In addition to Sahi, high-level presentations and breakout sessions were led by CSA Standards, CSA International and OnSpeX staff.

Founded in 1993, ICPHSO is an organization dedicated to the health and safety issues related to consumer products manufactured and marketed in the global marketplace. ICPHSO is committed to resolving health and safety issues related to consumer products manufactured and marketed worldwide.

The Importance of Solar Certification

Demand for solar power is growing and financial incentives are a significant driver of solar power adoption. With the U.S. government's focus on climate change and expanding financial instruments and incentives, such as the extension of the 30 per cent federal Investment Tax Credit (ITC) for solar installations for eight years, U.S. manufacturers have an opportunity to make gains on market leaders.

In May, CSA International opened its state-of-the-art laboratory in Vancouver for the testing and certification of solar panels and equipment used as an alternative energy source for homes and businesses worldwide.

Testing and certification of photovoltaic (PV) modules at the lab are conducted in accordance with North American and international standards. The lab features conditioning chambers that perform TC200 / HF10 temperature cycling tests to simulate extreme weather fluctuations. To ensure the modules meet shock and fire standards, the lab can test panels for reverse current overload, current leakage, water resistance, and impact and scratch resistance.

Generally, certification helps assure that products are safer for consumers. But within the competitive landscape of solar power, product certification is fast becoming a strategic imperative for equipment manufacturers as well. For manufacturers, certification is like a passport into international markets, reducing a possible barrier to entry and demonstrating to potential customers that the product meets performance and safety standards relevant in their jurisdiction.

Certification offers instant credibility in a still-maturing market that includes many new and untested players. In such an environment, a certification mark by a reputable third-party agency can be instantly recognized, and helps support market acceptance of both the manufacturer and its equipment.

CSA International's new white paper, *Solar Energy Equipment: Global Testing and Certification Services*, was published in September and is available at www.getsolarcertified.com

New Tri-National CFL Standard Addresses Consumer Concerns

CSA Standards published a new standard for common screw-in household electric, energy-efficient lights in October. The new *C22.2 No. 1993-09, Self-Ballasted Lamps and Lamp Adapters* standard, harmonized with the U.S.A. and Mexico, will help ensure that all CFLs and similar lights sold in North America adhere to a common standard for safety.

"End-of-life" refers to a CFL reaching the end of its lifecycle, before it stops operating. When some early models of CFLs reached their end-of-life, occasionally they would become hot which sometimes resulted in smoke coming off the units or the base of the lamp becoming discoloured or deformed.

CSA Standards in Canada, Underwriters Laboratories Inc. (UL) in America, and Mexico's National Association of Standardization and Certification for the Electrical Sector (ANCE) jointly developed the standard as members of CANENA, a Spanish acronym for the not-for-profit Council for Harmonization of Electro-technical Standards of the Nations of the Americas. All three organizations came together to develop additional test requirements for CFLs in order to reduce the end-of-life effects.



The new *C22.2 No. 1993-09, Self-Ballasted Lamps and Lamp Adapters* standard includes new minimum material specification for the plastic housing and several additional end-of-life product tests that better simulate potential failure modes. It is tri-national and harmonized with UL 1993 and the Mexican NMX-J-578/1-ANCE standard.

A self-ballasted lamp, such as a CFL, is a light with a special built-in filament coil in the base of the lamp that controls both starting and operating current. It is designed to operate in the same style of screw-based socket as a traditional, incandescent bulb. The *C22.2 No. 1993-09, Self-Ballasted Lamps and Lamp Adapters* standard covers requirements for lamp types such as fluorescent, compact fluorescent, high intensity discharge, light emitting diode (LED), and tungsten-halogen. Many lighting manufacturers have already put plans in place to implement the new requirements called for in the standard.

The new standard, in PDF format, is available online at www.shopcsa.ca, by calling CSA Standards Sales at 800-463-6727, or by e-mail at sales@csa.ca.



Randall W. Luecke, President of CSA International and OnSpeX, hosted a reception for the manufacturers as part of the IEC Power Tools Institute's committee meeting in Vancouver in July. Luecke was joined by Tony Lui, Terry Nagy, Rick Chernoff, George Tarseos and Michael Wilson.

Falconi Reappointed to INTA Anticounterfeiting Committee

RJ Falconi, Vice President, General Counsel and Corporate Secretary of CSA Group, has been reappointed to the Anticounterfeiting & Enforcement Committee (ACEC) of the International Trademark Association (INTA).

"I am honored to be reappointed to the Anticounterfeiting and Enforcement Committee of INTA," says Falconi. "I look forward to working with my colleagues at INTA, to continuing the fight to eradicate counterfeiting from the marketplace and helping to stem the tide of this global scourge."

INTA is a not-for-profit membership association of more than 5,900 trademark owners and professionals, from more than 190 countries, dedicated to the support and advancement of trademarks and related intellectual property as elements of fair and effective national and international commerce.

For more information, visit: www.inta.org



RJ Falconi

CSA International Honors Salesperson of the Year

At a ceremony in Cleveland, John Robinson was recognized as the CSA International Salesperson of the Year. Robinson, a member of the Outside Sales Team, received the honor for his outstanding sales achievement for the 2008-2009 fiscal year.

Robinson met and surpassed his goal for the year, achieving 151 per cent of his annual sales goal. He also conducted 148 visits throughout the year to both new and current clients. During challenging economic times, Robinson was able to bring new clients to CSA International with full certification offerings across a wide range of CSA International and OnSpeX delivery capabilities, obtaining more than 20 new full certification clients last year.

Lighting for Tomorrow Competition Hosted by OnSpeX

OnSpeX hosted the judging event for the 2009 *Lighting for Tomorrow* (LFT) competition, May 14-15, at its 25,000 square-foot state-of-the-art testing facility in Cleveland, Ohio.

Organized by the American Lighting Association (ALA), the U.S. Department of Energy (represented by Pacific Northwest National Laboratory), and the Consortium for Energy Efficiency (CEE), *Lighting for Tomorrow* is a design and technology competition organized to increase the market availability of energy-efficient residential lighting fixtures and to increase the marketing, promotion, and sales of such fixtures through retailers and the primary distribution channels for the new construction and renovation markets.

“OnSpeX was honored to be chosen by the American Lighting Association and its partners as the host of judging for the *Lighting for Tomorrow* competition,” said Sue Dempsey, Vice President and General Manager, OnSpeX. “We welcomed the opportunity to help showcase the newest innovative lighting technologies that will help meet a growing consumer demand for high-efficiency residential lighting fixtures.”

Lighting for Tomorrow utilized the OnSpeX laboratory as a venue to evaluate and judge newly-designed energy-efficient residential lighting fixtures. Such fixtures use advanced energy-efficient fluorescent and LED light sources instead of conventional incandescent bulbs. The OnSpeX facilities were chosen because of the technical instrumentation requirements and the expertise of the OnSpeX staff.

This year, the competition sought out new advanced compact fluorescent lamp CFL dimming systems and leading-edge residential fixtures powered by white-light LED light sources. All fixtures chosen for awards met the requirements of the ENERGY STAR Residential Light Fixture program.

Award winners were chosen because they address the lighting needs of U.S. and Canadian consumers. “Price, design, quality of light and ‘saleability’ are important award criteria,” according to Terry McGowan, Director of Engineering, American Lighting Association and a LFT organizer. “We know that energy efficiency, by itself, is not enough. Residential lighting fixtures must meet consumer expectations as to appearance, price and function if they are to sell.” The LFT judging panel included lighting designers, showroom owners, home

builders and media people as well as energy and technology experts.

The ALA’s Lighting for Tomorrow competition is designed to stimulate the market for attractive, energy-efficient residential lighting fixtures that use a fraction of the electricity of standard incandescent fixtures. The 2009 Lighting for Tomorrow winners were presented at the American Lighting Association Annual Conference in Palos Verdes, California on September 15.

In the LED category, two winners shared the grand prize: Cree LED Lighting for its High Output Six” Downlight and Philips Color Kinetics for its eW Cove Powercore. In the fluorescent dimming competition, the Genesis scone was awarded the grand prize in the moderate price category and Ivalo Lighting Company’s Aliante scone received a grand prize award in the high-end price category. California-based Designers Fountain linear fluorescent Versa-LUX dimming fixture was recognized as a winner. Philips Lighting Company won in both the dimming CFL and reflector lamp categories.

OnSpeX, a recognized leader in lighting product evaluation, has a full range of services to evaluate the design and performance of your lighting products, including:

- in-house Photometric Lab, fully staffed with qualified experts who can help obtain IES file generation for lighting;
- products and retro reflective materials;
- Approved under US Department of Energy CALiPER program;
- State of the art Goniophotometer (testing LEDs to LM 79);
- Imaging Colorimeter (CCD) camera;
- Allows for instant analysis of field and beam luminaire throw patterns, showing any deficiencies in uniformity patterns;
- Thermal Imaging Camera to show efficiency of luminaire thermal characteristics, as well as LED heatsink efficiencies;
- Approved for Energy Star testing;
- Specialists in testing to IES, SAE and CIE standards, as well as in CSA, IESNA, NVLAP and NIST standards, FAA, TC, AMECA, ANSI/UL, DOE, Energy Star and other programs;
- Performance testing to ANSI/UL, CSA, IESNA, NVLAP AND NIST standards.

New Roles for Drew, Weiser and Arcari

Over the summer, new roles were announced for three employees: Terry Drew was named Director, Energy Efficiency & Sustainability for CSA International; Rich Weiser was promoted to Director of Operations for OnSpeX; and Gianluca Arcari was named Senior Director of Service Quality for CSA International.

In his new role, Drew assumes responsibility for positioning CSA International and OnSpeX as leading providers of energy efficiency testing and verification services through the coordinated expansion of OnSpeX and CSA International’s energy efficiency service offerings, globalization of energy efficiency capabilities, and implementation of energy-related environmental solutions. He will liaise with clients, regulators and trade associations to monitor energy efficiency issues as well as state and provincial regulations. He has more than 43 years experience in the delivery of domestic and international testing and certification services with CSA International, Canadian Standards Association and most recently with OnSpeX.

Weiser joined CSA International in 1991, moving over to OnSpeX in 2005 as Senior Technical Manager. He

directed and coordinated the development and qualification of resources, including facilities, equipment and staff for the Cleveland and Atlanta OnSpeX laboratories. He also worked closely with the OnSpeX Shanghai Engineering Manager in the development of the OnSpeX Shanghai laboratory.

Arcari joined CSA International in 2001 as a Team Leader and progressed to a Senior Engineer (now Technical Advisor) role and Product Group Manager for EMC, Medical and Tools. Over the past 16 months, under Arcari’s direction, the Service Quality team has worked very well with the Service Delivery team and launched numerous successful initiatives including Certification University.

“I am delighted to announce these new appointments for Terry, Rich and Gianluca, respectively,” said Randall W. Luecke, President of CSA International and OnSpeX. “These long-term employees, whose combined service stretches almost seven decades, are the essence of CSA International and OnSpeX in terms of the dedication and diligence embodied in our employees and great service to our clients.”



In the spring issue of Certification News, the OnSpeX Guangzhou office was recognized from achieving certification to ISO 17025. Some names were accidentally omitted from the photograph. They are, from left: Chao Chen, Peter Zhao, Li Yuze, Eve Yi, Vincent Ma, Ryan Mao, Leo Li, Jay Min, Ben Anderson, Joanne Mao, Kitty Peng, Frank Chen, Shelly Ma, Jason Shen, and Eric Liu.

OnSpeX Global Service Offerings

OnSpeX offers leading-edge product performance testing and evaluation services. Product design consulting, product specifications, product comparison testing, inspections and audits are delivered globally from offices across North America, Europe and Asia.

“Over the past year, OnSpeX has enhanced its service offerings in these three areas to meet the diverse needs of our clients,” said Sue Dempsey, Vice President and General Manager, OnSpeX.

Energy Efficiency Testing

OnSpeX has the knowledge and expertise to help companies determine the energy efficiency of products and components, offering customized performance testing to meet the specific market demands and specializing in testing to performance requirements such as ANSI/ASHRAE, ANSI/UL, CSA, and DOE standards.

OnSpeX product evaluation capabilities include:

- frequency, phase, voltage, speed, temperature;
- horsepower, electrical and amperage monitoring;
- flow through chambers for water heating products;
- first-hour rating/24-hour test;
- comprehensive data acquisition;
- environmental testing;
- combustion efficiency determination;
- annual energy consumption;
- emissions analysis;
- maximum GPM rating;
- annual fuel utilization efficiency determination.

Power Tool Testing

OnSpeX can help determine performance evaluation needs for power tool products and components outlined in but not limited to ANSI/UL, CSA, IEC, IEEE, ASSE, NEMA and NFPA/NEC standards.

OnSpeX product evaluation capabilities include:

- environmental testing and benchmarking;
- life and accelerated life testing;
- pressure testing industrial and residential standards;
- dimensional properties;
- uniformity and durability testing;
- material strength, RPM, torque Testing;
- efficiency evaluation of abrasives and cutting tools and horsepower (Up to 25 HP and 10,000 RPM);
- comparison testing;
- battery performance testing for cordless tools;
- component testing.

Green Initiatives

The OnSpeX Green Team can help organizations transition to an environmentally-conscious and proactive corporate citizenship. OnSpeX has a multitude of programs in place and a growing number of programs in development to meet the ever changing environmental and sustainability requirements of today’s consumer marketplace.

Sustainability “GREEN” Initiatives include:

- Energy Star Energy Efficiency
- Customized programs to integrate corporate sustainability environmental initiatives into an organization’s supply chain processes
- GHG (Green House Gas) and carbon Footprint Reporting Assistance
- Environmental Management ISO 14000
- WaterSense (EPA)
- Labeling Claims Verification
- Forest Management
- Chain of Custody Verification
- ECO Labeling ISO 14021
- Customized Training in Green Building Compliance
- Photo Voltaic Certification Programs for Solar Products
- Alternative Fuel Technologies
- Fuel Cell Recharging Stations
- Electric Vehicle Recharging Stations
- NGV (Natural Gas Vehicle) Recharging Stations

For more information on OnSpeX service offerings, visit: www.getonspex.com

Upcoming EVENTS

2009 FALL

CSA Education & Training

CSA Education & Training offers convenient access to the combined training resources of the entire CSA Group. CSA Education & Training offers scheduled courses, private on-site training courses and eLearning on the following topics:

ELECTRICAL TRAINING

- 2009 Canadian Electrical Code Essentials **NEW!**
- Bonding & Grounding
- eLearning - 2009 CE Code, Part I – What's New
- eLearning - ESAT 2009
- eLearning - Workplace Electrical Safety Online Training
- Hazardous Locations
- Workplace Electrical Safety Workshop Based on CSA Z462 **NEW!**

CLIMATE CHANGE

- Measuring your Organization's Carbon Footprint: ISO 14064-1 Essentials - GHG Inventories
- Reducing your Organizational Environmental Impact: ISO 14064-2 Essentials - GHG Projects
- Carbon Emission Reduction Expert Course ISO 14064-2 Expert - Greenhouse Gas Projects
- Greenhouse Gas Validation Using ISO 14064
- Greenhouse Gas Verification Using ISO 14064
- The Climate Registry Essentials
- eLearning - Is Climate Change Changing Your Business?

BUSINESS & QUALITY MANAGEMENT TRAINING

- Effective Solutions Using Root Cause Analysis
- eLearning - Auditing Skills
- eLearning - Business in Balance: An Introduction to ISO 14001:2004
- eLearning - Business In Balance: Implementing ISO 14001:2004
- eLearning - ISO 9001:2008 – The Changes
- eLearning - Quality at Work: Implementing ISO 9001
- ISO 14001 Training Series
- ISO 9001:2008 Training Series **UPDATED**
- OHSAS 18001 Training Series
- Process Auditing
- Process Mapping

OCCUPATION HEALTH & SAFETY TRAINING

- eLearning - Engaging WHMIS: Training for Safety Success
- eLearning - Machinery and Equipment Safety
- eLearning - Safety At Work: An Introduction to CAN/CSA-Z1000-06
- eLearning - Safety At Work: An Introduction to OHSAS 18001:2007
- eLearning - Safety at Work: Implementing an Occupational Health and Safety Management System

- eLearning - Safety at Work: Implementing an Occupational Health and Safety Management System
- Fall Protection Series (in collaboration with Fall Protection Group Inc.)
- Inspection & Maintenance of Steel Storage Racks (in collaboration with IAPA)
- Introduction to Risk Assessment and Control Reliability
- Lockout - Control of Hazardous Energy
- Respiratory Protection Series
- Safeguarding of Machinery (in collaboration with IAPA)
- Workplace Electrical Safety Workshop Based on CSA Z462 **NEW!**
- Z1000 Training Series – OHS Management System Implementation

OIL & GAS

- Composite Piping – Based on Clause 13, CSA Z662-07
- Oil & Gas Pipeline Systems – Based on CSA Z662-07
- Pipeline Integrity Management – CSA Z662-07 Specialty Course
- Pipeline Welding and Inspections – Based on CSA Z662-07 Specialty Course
- Process Piping - ASME B31.3 / CSA B51

- Storage of Hydrocarbons in Underground Formations

HEALTHCARE

- Fundamentals of Infection Control during Construction, Renovation or maintenance of Healthcare Facilities
- Practical Applications in Infection Control during Construction, Renovation or Maintenance of Healthcare Facilities
- HVAC In Healthcare Facilities
- Managing Essential Electrical Systems in Healthcare Facilities – As related to Standby Generators

PUBLIC & COMMUNITY SAFETY

- CSA Z1600 Essentials Emergency Management and Business Continuity Programs **NEW!**
- CSA Z1600 Emergency Management and Business Continuity Auditing Programs **NEW!**
- Emergency Electrical Power Supply for Buildings – Based on CSA C282
- Emergency Preparedness and Response – Based on CAN/CSA Z731
- eLearning - Response Ready Simulation Tool
- Quality Breathing Air – SCBA Administrators

Certification NEWS

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Conferences and Events

November

13-14

National Electrical Manufacturer's Association (NEMA)
Scottsdale, AZ

15-17

Gas Appliance Manufacturer's Association & AC,
Heating & Refrigeration Institute (AHRI)
Washington, DC

17-19

2009 Fuel Cell Seminar & Exposition
Palm Springs, CA

17-19

Canadian Windows & Doors Manufacturers
Association (Win-Door/CWDMA)
Toronto, ON

17-19

Global Gaming
Las Vegas, NV

18-21

41st World Forum for Medicine International Trade
Fair with Congress (Medica)
Dusseldorf, GB

December

8-10

Power-Gen International
Las Vegas, NV

January

11-12

NRF 99th Annual Convention & EXPO
New York, NY

25-27

Air-Conditioning, Heating, Refrigeration (AHR)
Orlando, FL

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Contact Management,
178 Rexdale Boulevard,
Toronto, ON Canada M9W 1R3
Fax 416-747-4149
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