

Regulator's UPDATE

First North American Electrical Component Forum

It's about customers... and we get it!



Grant Carter, Vice President, Marketing and Communications, CSA Group and Forum Chairman.

As a trusted organization serving industry, CSA International is leading the drive to ensure that today's businesses are able to deliver products to market efficiently while maximizing profitability and maintaining safety and quality. It was with this goal in mind that on December 3, 2002, CSA International welcomed over 50 global manufacturers, certification and testing agencies and industry associations to the first North American Electrical Component Forum in Washington, D.C.

The Forum was attended by a who's-who of industry stakeholders, including American Lighting Association (ALA), Information Technology Industry (ITI), National Electric Manufacturers Association (NEMA), Electro - Federation Canada, Omron, IBM, Invensys, Rockwell Industries, Schneider Electric, Intertek

Testing Services, and Underwriters Laboratories (UL), among others.

CSA International organized the Forum to provide a platform for manufacturers and other industry stakeholders to discuss the certification and testing industry's current practices with regards to the universal acceptance of electrical components certified by competitive agencies.

Formal presentations were made by CSA, IBM and ITI – representing the IT industry – KEMA, UL and Intertek. Presentations included successful, and proven, certification and testing harmonization models from European markets and within the Information Technology (IT) industry.

The presentations allowed various industry members to share their views regarding component acceptance and offer key findings based on divergent industry models.

Grant Carter, Vice President, Marketing and Communications, CSA Group and Chairman of the Forum, outlined the dramatically different approaches to component acceptance offered by major certifiers.

"Since 1994, CSA has accepted components certified by other accredited certification bodies without requiring additional testing, inspections and costly delays in getting products to market," said Mr. Carter.

A key example from within the Information Technology (IT) sector was discussed in much detail during the Forum. Attendees heard that in 1994, CSA implemented a certification model that enabled the usage of CSA-certified components within end-use products certified by UL and vice versa.

This form of reciprocity eliminated the requirement for redundant testing and follow-up inspections and created a prototype for efficient product testing within the IT

industry. By eliminating redundancy, companies were then able to get new products to market faster and without unnecessary delays or additional costs.

And for a specified range of electrical products, CSA and UL agreed to a "Memorandum of Understanding" in 1996 enabling manufacturers to use test data generated by one certification agency to receive the other agency's mark, without the time and expense of re-testing.

The costs of redundant certification and testing were also explored in some detail during the Forum, and a real-life example was given of an end product with four CSA certified components.

It is estimated that, the extra certification costs for four components at \$5,000 per unit would be \$20,000, which works out to a potential of \$20 million in duplicate costs to industry for each 1,000 end products – without even taking into account the 16 additional follow-up inspections required at a cost of \$10,000 per year.

Following the presentations, Forum attendees delivered informal comments from the podium in order to share ideas, debate the issues surrounding component acceptance and develop strategies for collaboration. There was also a universal call for what Mr. Carter explained as a, "simpler process for acceptance of certified components ensuring the efficient delivery of better products to consumers and business without compromising on safety."

A viable solution for the future?

One idea that was discussed at the Forum was the European model of mutual component recognition. Maarten J. van der Dussen, Vice President International Operations for KEMA Quality, based in Arnhem, the Netherlands, presented the European perspective. "In Europe, we have both local or national marks such as KEMA, VDE and IMQ, and European Marks," said Mr. van der Dussen. "Under the CENELEC Certification Agreement (CCA), we mutually recognize test results."

In Europe, schemes operate based on mutual recognition of test results. All testing companies use identical procedures. Certification and testing bodies are evaluated based on proven experience and peer review. In addition, each company has operational documents that detail their procedures.

The result is schemes that certify appliances and components in a uniform way based on commonly accepted standards.

"The European model shows that mutual acceptance is not only possible, but works well for both the accredited bodies and the manufacturers," added Mr. van der Dussen.

One component mark for North America

Mr. Carter concluded the Forum by outlining CSA's component acceptance vision for the future. He foresees a single component mark for North America, similar to the ENEC mark in Europe. This mark would be used by a coalition of certifiers and accepted by all certifiers. A single component directory, consisting of listing information, conditions of acceptability, and standardized component reports, would be shared and accessed by all participating organizations.

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EEMAC/EFC SUPPORT CSA

The Electrical Equipment Manufacturers Advisory Council (EEMAC) has issued a position paper titled 'Mutual Acceptance of Electrical Component Certification'. The position paper advises industry members and industry related associations to support the mutual acceptance of electrical components because it recognizes both national accreditation systems and balances the industry's needs to move product cost-effectively between markets. The EEMAC/EFC position paper concludes that it: "supports CSA's position and its policy to accept components in end-use products that have been certified by accredited certification organizations without additional testing, without application of an additional certification mark and without follow-up inspections." EEMAC, part of Electro-Federation Canada (EFC), represents over 80 companies involved in the manufacturing and sale of electrical products, systems and components in Canada. To download the position paper, go to www.electrofed.com.



CSA INTERNATIONAL

Spotlight on Service

Meet new CSA International Vice President Randall W. Luecke

CSA International retains its commitment to addressing issues critical to regulators including recognition of certified components and counterfeiting of certification marks. So says Randall W. Luecke, CSA International's new Vice President, Certification.

Mr. Luecke notes that CSA International has most recently shown its leadership by taking a stand on the issues of mutual component recognition and launching an action plan to combat counterfeit product approval marks in North America.

Service and timeliness are 'deal makers'

At the same time, CSA constantly strives to ensure that its customers derive the maximum benefit from faster market entry and exemplary customer service.

"Service and timeliness are the 'deal makers' when manufacturers choose from among equally qualified certification and testing organizations," says Mr. Luecke.

"Advancements in technology and an increasingly global economy have amplified both customer requirements and expectations. To meet these challenges, we are com-

mitted to making the testing and certification process faster and more efficient, enabling us to maintain the highest customer service levels possible without sacrificing quality."

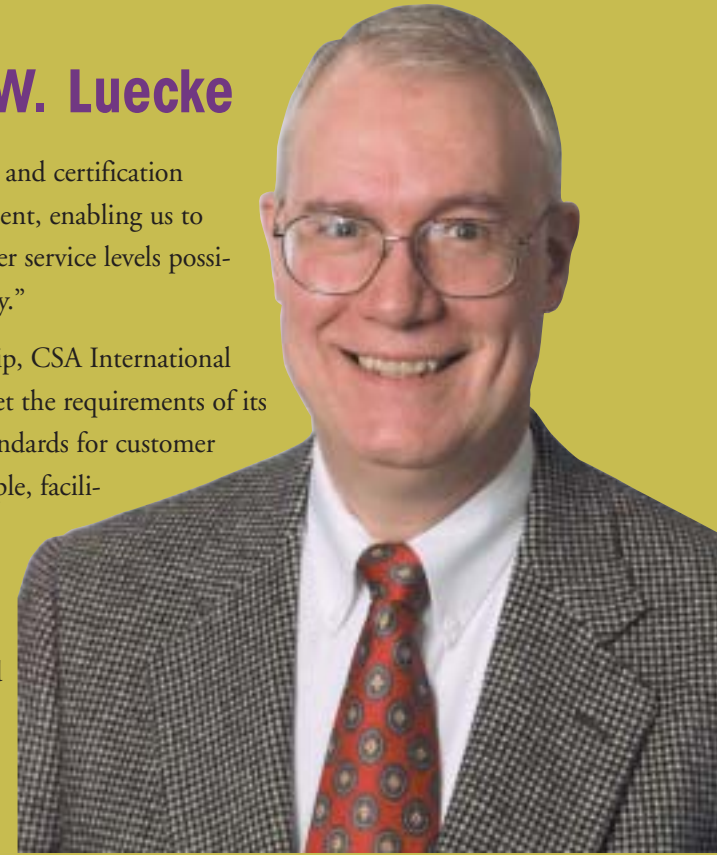
Under Mr. Luecke's leadership, CSA International will continue to strive to meet the requirements of its customers by setting new standards for customer service, and investing in people, facilities and technologies.

In his previous position as Vice President, Finance, CSA Group, Mr. Luecke had the responsibility of overseeing the organization's financial operations. And, since joining CSA in 1994, as a member of the executive team at International

Approval Services (IAS) – the certification and testing arm of the American and Canadian Gas Associations – Mr. Luecke has not only showcased his leadership skills but has also demonstrated his commitment to change management, forward-thinking and customer care.

Over the course of a career that spans four decades, Mr. Luecke has helped to streamline customer service, operations and procedures, and improved financial performance for a number of organizations, in several industries. But although he is proud of the financial part of his background, Mr. Luecke's current focus is on much more than the bottom line. "In my new role, I will continue to support and expand CSA's long-standing commitment to a competitive marketplace, where certification and testing organizations compete for business on price, service and quality, and an unwavering commitment to safety. I intend to continually improve our services to better meet customer needs."

He adds, "I firmly believe in the proud traditions of quality, service and consumer protection that CSA has represented for more than 80 years. And it is my objective to provide a safe environment for our customers. What keeps me energized, is an image of an elderly lady turning on the gas valve of her kitchen range, and assuming that she can do so safely. This also keeps me focused on the importance of CSA International to our customers and the community as a whole."



Randall W. Luecke

Protectors of U.S. Coasts choose CSA

CSA International is proud that the U.S. Coast Guard has chosen its laboratories to test and certify equipment on its flag merchant vessels. The choice of CSA's services by an essential life-saving and life-protecting organization such as the Coast Guard, provides proof that CSA's certification and testing services are efficient and effective, without compromising safety.

As of February 3, 2003, the U.S. Coast Guard has expanded its acceptance of CSA International as an independent laboratory to include certification for explosionproof and flameproof equipment, including testing to IEC standards. CSA was already approved to certify equipment for hazardous areas for most other items required by Title 46, Code of Federal Regulations (CFR), subpart 159.010-5 for the U.S. Coast Guard.

This listing means that once CSA has tested the systems to meet the requirements, no additional equipment approval action by the Coast Guard will be necessary.

First North American Electrical Component Forum

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"Not only would this break down barriers to information exchange between certifiers, but it would provide numerous benefits to manufacturers," said Mr. Carter. "Component manufacturers would only require one mark, and would have no rejection from other manufacturers, no duplicate testing and no duplicate costs. Speed to market would improve, and component manufacturers would be free to choose their certifier. Finished product manufacturers could choose from a wider selection of suppliers, and would have no unnecessary delays due to component rejection, no duplicate costs and the freedom to choose their certifier."

The reaction from the Forum participants was positive. Customers appreciated CSA's work organizing this Forum, and championing component acceptance among certification and testing agencies.

Many participants supported CSA's approach and agreed that the model that CSA endorsed has infinite potential for the electrical industry. It is a model that has not compromised safety, and a model that puts customers first. Participants embraced CSA's call for a change to their current restrictive component acceptance practices.

"We are very excited by the December 3rd meeting and we appreciate CSA International's opening up discussion on this issue," says Mike Motz, Liebert Corporation. "Manufacturing is a cornerstone of any economy. It is important that we have an environment that serves to provide the best opportunity for our success, for delivering products that meet the needs of consumers and offers the highest degree of safety. The current environment offers unnecessary and costly obstacles. We are very hopeful that we can remove these barriers by working together."

IAEI 75th Anniversary Diamond Jubilee

The International Association of Electrical Inspectors (IAEI) will celebrate its 75th Anniversary Diamond Jubilee on September 7-13, 2003. For the first time in 25 years, all six sections of the IAEI and International Members will meet together.

Held at the Disney Coronado Springs Resort, near Orlando, Florida, the Jubilee will include both a conference component, and a giant trade show.

The Diamond Jubilee will meet the educational needs of members while also providing a fun setting for those wanting to bring families and take a vacation themselves. Guests can access the health club, play a round of golf on five championship courses, visit a 20,000 sq. ft. playground, or go for a relaxing nature walk.

Throughout its history, the IAEI has brought unbiased focus to interpreting the National Electrical Code and teaching safe installation and use of electricity.

Composed originally of only electrical inspectors, membership in the IAEI has expanded to include any persons or organizations in the electrical industry who wish to focus on safety. Today, the IAEI has a broad membership base but it remains the voice of the electrical inspectors—those who have the responsibility of making sure the consumer is safe.

For further information, visit www.iaei.org.

Background photo:
An early meeting of the IAEI.

CSA Team Battles Counterfeit Marks

CSA International is waging a campaign against counterfeit certification marks on a number of fronts. The organization now has an action plan that includes seminars and hands-on inspection sessions for Canada Customs and Revenue Agency (CCRA), Royal Canadian Mounted Police (RCMP) officers and police departments. CSA representatives are speaking at conferences to highlight concerns and build networks with organizations that can help identify and prosecute counterfeiters throughout North America.



Manny Gratz, (left) Manager, Special Investigations and Anti-Counterfeiting Coordinator, CSA International and R.J. Falconi, Vice President, General Counsel and Corporate Secretary, CSA Group, show potentially lethal work boots for electricians – with a nail inside – which bore a counterfeit CSA Mark.

The problem is insidious. For example, CSA International's Audits and Investigation team recently discovered work boots for electricians that contained nails. If electricians wearing the boots accidentally came into contact with an electrical supply, the consequences could be lethal. Those boots sported a label with the CSA Mark – but the label itself was a fake.

The deadly boots are just one of thousands of products bearing counterfeit marks entering North America, according to R.J. Falconi, Vice President, General Counsel and Corporate Secretary, who addressed the 7th Annual Kestenberg Siegal Lipkus (KSL) Anti-Counterfeit

Enforcement Conference, held in Toronto, December 4-6, 2002. His audience included intellectual property owners, senior law enforcement officers, representatives of industry and government, lawyers and investigators – all of whom have a vested interest in stemming the tide of counterfeit goods into North America.

Billed as a training conference dealing in anti-counterfeiting issues, sessions dealt with copyright and trademark infringement, product identification, fraud, organized crime involvement, money laundering, tax evasion, transshipments and border enforcement. In addition to Mr. Falconi's remarks, Doug Geralde, Director, Corporate Audits and Investigations, and Manny Gratz, Manager, Special Investigations and Anti-Counterfeiting Coordinator, also addressed the conference.

Conference delegates were determined to stamp out the problem. Mr. Falconi is dedicated to this issue – and the audience responded to his speech with a barrage of suggestions ranging from "wanted posters" showing specific products known to be counterfeit, to more training, and online links to the CSA International Certified Product Listings so that officials can quickly determine whether a product is CSA-certified. The CSA International action plan includes many of their ideas.

Recognizing that the U.S., the U.K. and the European Union have much more stringent anti-counterfeiting laws than Canada, Mr. Falconi called on delegates to implement stronger measures to assist regulators and manufacturers in the battle against counterfeiting crime.

CSA International's team of special investigators, headed by Doug Geralde, has found counterfeiters applying the CSA Mark onto electrical products such as tools and circuit breakers, electronic components and safety footwear.

"These types of products affect the safety and security of all Canadians," says Mr. Falconi. "Imagine how we felt



Doug Geralde, Director, Corporate Audits and Investigations, CSA International.

when we found circuit breakers bearing counterfeit approval marks in a hospital panel board supplying power to life support equipment!"

Recognizing the severity of the problem, CSA International developed its *White Paper on Counterfeiting*, which lists examples of unsafe products that have been found bearing counterfeit product approval marks, and describes some of the safety hazards and legal issues posed by these products. The paper also describes how CSA International and the IACC work together to combat product counterfeiters. The full text of the White Paper follows.

All these tactics are just the beginning, according to Mr. Geralde. "We will continue to step up our anti-counterfeiting profile and activities in the interest of public safety," he says.

Contact: **Doug Geralde, (416) 747-4295, doug.geralde@csa-international.org or Manny Gratz, (416) 747-2560, manny.gratz@csa-international.org.**

You can help CSA battle counterfeiting by providing details of suspicious goods and products by contacting Manny Gratz directly or by visiting this "tips" site: www.ksllaw.com/tips.htm



Shown at the Kestenberg Siegal Lipkus (KSL) Anti-Counterfeit Enforcement Conference, l to r, Manny Gratz, Manager, Special Investigations and Anti-Counterfeiting Coordinator, CSA International, Georgina Starkman Danzig and Lorne M. Lipkus of KSL, and R.J. Falconi, Vice President, General Counsel and Corporate Secretary, CSA Group.

CSA White Paper on Counterfeit Marks

The Threat of Counterfeit Product Approval Marks Warrants Aggressive Detection and Enforcement Action

Prepared by: Manny Gratz, Manager, Special Investigations and Anti-Counterfeiting

Counterfeit Product Approval Marks Threaten Mark Value And Undermine Confidence in Legitimate Products

Widespread use of counterfeit marks undermines the entire North American system of standards, testing and certification that has been put in place to protect the interests of retailers, regulators, specifiers and product manufacturers, as well as consumers.

If unchecked, proliferation of counterfeit approval marks can enable unsafe or otherwise deficient products to gain widespread access to the North American market. This can place consumers at direct risk of exposure to unsafe or deficient products and increase retailers' risk of legal action and unfavorable publicity should they unwittingly supply those products. Widespread counterfeiting can also jeopardize public confidence in products bearing legitimate approval marks, posing a significant threat to leading national brands and the profits of the companies behind them.

Proprietary, trademarked approval marks are among the most valuable brand assets of CSA International and other testing laboratories. Counterfeit marks pose a very real threat to the acceptance of these legitimate marks. Reduced acceptance represents a significant loss of brand equity, and could place a testing laboratory at a competitive disadvantage, resulting in significant loss of business.

The global product counterfeiting threat

The threat of counterfeiting is not limited to product approval marks. The proliferation of counterfeit products in North America has increased dramatically over recent years. These products are often unsafe, create unfair competition to legitimate business and damage legitimate manufacturers' reputations.

CSA and other reputable and accredited testing laboratories will not provide testing and certification services or license the use of their approval marks to known counterfeit products. However, product counterfeiters may display counter-

feit approval marks on products as a part of their deception, to further gain the trust of purchasers and specifiers.

The IACC (International Anti-Counterfeiting Coalition – www.iacc.org), a watchdog over this area, estimates that trademark counterfeiting robs the U.S. of more than \$200 billion annually in product sales, distribution and lost jobs. Last year, U.S. Customs seized and destroyed more than four million dollars worth of counterfeit electrical equipment.

The IACC reports the majority of counterfeit products come from Asia, primarily China, and that Eastern Europe has also become a significant source. The manufacture and distribution of counterfeit products has been linked to organized crime.

Who buys counterfeit products?

Anyone could unwittingly purchase a counterfeit product or a product bearing counterfeit approval marks. These are the real victims of counterfeiting, because they believe they are purchasing or specifying a legitimate product and are

paying for the value they associate with that product. While these people may be disappointed in the performance, reliability, and durability of the product, the real threat posed by many counterfeit products is in safety. If the product has not been tested and certified to meet applicable standards and does not bear legitimate approval marks, it could pose a serious fire, shock, or other hazard to the user and represent a serious liability risk to retailers, distributors or others who may have supplied the product.

Some people actually choose to purchase counterfeit products under the assumption that they are paying less for products that are equal in value to the legitimate products they mimic. People who deliberately choose to buy counterfeit products are not victims. Instead they support the criminally deceptive practices of counterfeiters by creating a built-in market for their goods. Counterfeiting would not disappear if there were no willing consumers of counterfeit products. But in many cases, counterfeiting would be less profitable and more risky without these easy sales.

How products are properly authorized to display CSA marks

CSA allows the use of its certification mark only under licensed agreements with product manufacturers who are authorized to use the mark or marks on products that have been tested and certified to meet applicable standards for safety or performance.

A counterfeiter is one who uses a CSA certification mark and does not have a licensed service agreement with CSA International. This includes the display of a CSA certification mark on a website, on packaging, advertising media, or on the product.

How to determine if a CSA International Certification mark is counterfeit.

Sometimes the appearance of the mark itself is an obvious indication that it is counterfeit. The CSA marks shown below have distinctive graphic features that are often not accurately reproduced by counterfeiters. One common difference is in the proportion of the letters in the marks. CSA International supplies licensed manufacturers approval mark artwork or labels to ensure that their products are properly marked. Marks on products that deviate from these official designs should be viewed with suspicion.

Examination of products and their packaging can sometimes also indicate a counterfeit. For example, unclear printing on products, labels, or packaging or spelling mistakes can be an indication that the product is counterfeit and may have counterfeit approval marks. A discrepancy between the contents of the product package and the description on the package may also be a sign of counter-

feiting. Missing product information or other package enclosures are another reason to be suspicious.

Significantly lower pricing or a deal that is “too good to be true” can be a sign that a product is counterfeit. And, availability of a product through an unauthorized distributor can indicate that the product is not legitimate.

CSA certification of a product can be confirmed online by comparing the product’s identification information against the certification record found on the CSA International website at <http://directories.csa-international.org>. In the “Certified Product Listing” directory, the product manufacturer’s name or file number can be entered to reveal a certification record which lists the model number and rating information that corresponds to information on the product.

Aggressive action is called for

The threat posed by counterfeit approval marks calls for decisive detection and enforcement action to defend the interests of businesses and consumers who rely on approval marks for assurance that products or components meet applicable standards.

Like leading manufacturers who have been victimized by counterfeiters, CSA International has initiated an aggressive program to detect, expose and punish any unauthorized use of its registered trademarks — including all CSA approval marks. CSA International has adopted a “No Tolerance” policy where counterfeiting is found.

While a warning may be issued to first-time offenders in cases where CSA approval marks are incorrectly displayed; illegal use of CSA marks is met with immediate legal action. CSA works cooperatively with police and customs authorities in North America and other global regions to bring counterfeiters to justice. Settlements typically call for identification of all products and parties involved, disposal or destruction of all illegally marked products and prosecution to the full extent of the law.

How to notify CSA when counterfeit products bearing counterfeit CSA marks are detected

When a counterfeit product bearing a CSA approval mark is found or suspected, it should be reported to one of the following CSA departments: Doug Geralde, Director, Corporate Audits and Investigations, CSA International, 178 Rexdale Blvd., Toronto, ON Canada M9W1R3 Tel: (416) 747-4295, E-mail: doug.geralde@csagroup.org

or: Manny Gratz, Manager, Special Investigations & Anti-Counterfeiting, CSA International, 178 Rexdale Blvd., Toronto ON Canada M9W 1R3, Tel: (416) 747-2560, E-mail: manny.gratz@csagroup.org

CSA offers retailer training programs

CSA International provides several training programs for retailers designed to increase familiarity with CSA marks and with content that can assist merchandising managers, retail buyers, quality assurance personnel, store managers and others in detecting counterfeit approval marks. The programs include:

- What to look for when buying/receiving products covered by CSA and U.S. ANSI/UL requirements
- How to read and understand the CSA approval mark on packaging
- What the CSA brand brings to a company’s image
- Using the CSA markings in literature, on packaging, Web sites, etc.
- Detecting and preventing counterfeiting of the CSA markings

To arrange for a training seminar or to request an information presentation from CSA International, e-mail requests to: retailer@csa-international.org

CSA supports industry anti-counterfeiting initiatives

Increasing awareness of counterfeiting is a key goal of CSA’s anti-counterfeiting program. CSA investments in educational programs, white papers and outreach communications programs to manufacturers, specifiers, retailers, regulators, and other concerned parties are building awareness of counterfeiting, which will help ensure that it does not go undetected or unpunished.

CSA is also a member and active participant in IACC, sharing up-to-date information on counterfeiting issues, information sources and detection and enforcement techniques with other businesses.

Training programs have been developed by CSA for U.S. and Canadian Customs agents, police, and regulatory authorities to alert them to the problem of counterfeit marks and arm them with the latest identification techniques.

CSA efforts to thwart counterfeiters also include programs to review the company’s marking practices to include security identification, as well as cooperative investigations in cases where competitor marks are also counterfeited.

A commitment to protecting approval marks and their value

By working aggressively to detect and punish product counterfeiting, CSA International in concert with businesses, government, and law enforcement agencies across North America — is helping to protect the integrity of approval marks. This, in turn, protects the vital economic and safety interests of those who rely on approval marks to enable them to manufacture, distribute, specify, purchase or use products with confidence.

A wide range of potentially unsafe products could have counterfeit approval marks

- ▶ Counterfeit approval marks have been found on electrical products built using substandard materials and exhibiting compromised electrical spacing— both of which are potential shock and fire hazards.
- ▶ Safety footwear bearing counterfeit approval marks has been found to offer substandard toe protection. These shoes were also deficient in dielectric protection creating a potential shock hazard.
- ▶ Recently circuit breakers bearing counterfeit approval marks were found in a hospital panel board supplying power to life-support equipment.
- ▶ Ground fault circuit interrupter receptacles bearing counterfeit approval marks have been found that did not contain a ground fault safety circuit. The receptacles performed as ordinary receptacles but did not provide the intended protection against shock or overload.

CSA marks for the U.S. and Canadian markets

CSA International owns a number of trademarks that are registered internationally, including the familiar CSA certification marks, which are applied to more than a billion products each year. CSA approval marks provide visual evidence that the

marked products conform to applicable standards for safety or performance. Retailers, product specifiers, regulators, product manufacturers, as well as consumers buy, specify, or approve products with confidence when they see CSA approval marks.

CSA approval marks available for products sold in the U.S. include:



Indicates a product meets applicable U.S. standards



Indicates a product meets applicable U.S. and Canadian standards



Meets applicable U.S. standards for gas-fired products and accessories

Additional CSA approval marks are available for products sold in Canada, including:



Indicates a product meets applicable Canadian standards



Meets applicable Canadian standards for gas-fired products and accessories

2003 Annual Conference

Shaping solutions for energy and the environment

Energy. The environment. No matter who you are or what you do, it's hard to imagine two issues that affect you more.

Whether it's heating your home, transporting your goods, powering your equipment, or lighting your office, energy is central to how we live and work. With the Kyoto Protocol and other climate change initiatives, traditional technologies used to power our society must change. In fact, distributed generation and advances in alternative fuel technologies are poised to dramatically alter the energy landscape.

Will you be ready for this revolution? How will the energy and environment agenda affect your business and your life? How can standards provide solutions to some of the toughest issues in these fields?

These and other questions will be debated at *Shaping Solutions Through Standards*, CSA's 2003 Annual Conference, June 15 to 17 at The Fairmont Algonquin in St. Andrews-by-the-Sea, New Brunswick, Canada.

The program is stacked with provocative speakers, interactive sessions and opportunities for one-on-one dialogue. Join roundtables of industry thought leaders as they explore the complex issues surrounding energy and the environment. Then engage in real-world solutions as you share your knowledge, ideas, experience and insights with fellow delegates in practical workshops.

Champion of innovation takes centre stage

The Hon. Brian Tobin, one of Canada's most colourful public figures, will inform and inspire delegates as this year's keynote speaker. Recognizing the realities of the new, global economy, Mr. Tobin was one of the first people in Canada to promote the idea that research and innovation are the keys to long-term success for business, and prosperity for Canadians.

For two days in June, St. Andrews-by-the-Sea will become *the* place to meet, mingle and collaborate with people who understand the importance of standards in our world. On the edge of Atlantic Canada, encircled by natural beauty, what better place to shape solutions for energy and the environment!

For more information and to register for CSA's 2003 Annual Conference today, visit www.csa.ca or call Jacqui Sullivan at (416) 595-1414.

This year's CSA Annual Conference will be held at the Fairmont Algonquin Hotel in St. Andrews-by-the-Sea, New Brunswick.



The Hon. Brian Tobin

CSA International Joins Globally Recognized Hazardous Locations Program

CSA International, known as a leading provider of Hazardous Locations (HazLoc) certification and testing services for 35 years, was officially recognized as an Accepted Certification Body and Ex Testing Laboratory to operate in the IECEx (International Electrotechnical Commission Explosive) Scheme on December 16, 2002.

The IECEx is an international certification scheme for electrical equipment used in explosive atmospheres (Ex equipment). It is designed to save manufacturers time, money and effort by providing a single test and assessment report and a certificate of conformity. The ultimate, long term goal of the scheme is to create a single certification mark for Ex products accepted in all member countries.

"Our acceptance in the IECEx Scheme allows us to provide customers entry to a global market, and eliminate duplicate certification and testing efforts previously required for their HazLoc products," said Randall W. Luecke, Vice President, Certification, CSA International.

By joining the IECEx Scheme, CSA can now generate assessment test reports (ATRs) on Ex equipment that are accepted by Accepted Certification Bodies in other active IECEx Scheme member countries. CSA has been a North American provider of certification and testing services for HazLoc equipment for more than 35 years.

For information, call 1-800-463-6727, email certinfo@csa-international.org or visit CSA International online at www.csa-international.org

CSA International Receives U.S. Department of Energy Recognition of Electric Motor Energy Efficiency Verification Program

CSA International has received recognition by the U.S. Department of Energy, classifying its Electric Motor Energy Efficiency Service Program as a nationally recognized certification program in the United States.

This recognition enables electric motor manufacturers to have the energy efficiency of their motors verified by CSA International as mandated by the U.S. Department of Energy. Effective June 2002, electric motor manufacturers must submit a compliance certificate to the U.S. Department of Energy, demonstrating that their electric motors meet the applicable requirements. The final rule of the legislation published in the Federal Register (10 CFR Part 431) acknowledges the use of a "Nationally Recognized Certification Program" as one of the methods to demonstrate compliance to the requirements.



"We are very excited to extend our energy efficiency verification testing services to electric motors entering the U.S. market," says Randall W. Luecke, Vice President, Certification, CSA International. "Our goal is to be a one-stop certification and testing service for manufac-

turers. "We are continuing to expand our operations and receive the accreditation's necessary to provide the services manufacturers require to conduct their business efficiently and productively."

CSA International has been operating an energy efficiency verification program for electric motors since 1992, and with this new accreditation will provide product certification and energy efficiency verification for electric motors entering both the U.S. and Canadian markets. Additionally, CSA International is able to assist electric motor manufacturers to meet CE marking requirements for the European market. CSA International is a global organization, with 13 offices and laboratories located worldwide.

Contact: **Trig Smith**, (416) 747-4142, trig.smith@csa-international.org.

Upcoming EVENTS 2003 SUMMER/FALL

CSA LEARNING CENTRE CSA Learning Centre offers seminars on the following topics this spring, summer and fall.

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

- Accident Investigation
- 2002 CE Code Essentials
- Bonding and Grounding of Electrical Equipment
- Code for Power Press Operation
- B44 Elevator Safety Code
- Electrical Disturbances – A Study of Harmonics
- Guideline on Office Ergonomics
- The Fundamentals of Fall Protection
- A User's Guide to Fall Protection
- Sustainable Forest Management
- Design, Installation and Maintenance of Electrical Equipment in Hazardous Locations
- Implementing ISO 9001:2000; Implementing ISO 14001; Integrating ISO 9001:2000 with ISO 14001

To register or obtain information about discounts, content, in-house training or other details call (416) 747-4017 in the Toronto area or 1-800-463-6727, e-mail seminars@csa.ca or visit the Web site at www.csa-international.org.

June

3-5
Visit CSA at Booth #24653 at Supercomm, Atlanta, Georgia.

15-17
CSA's 2003 Annual Conference, Saint Andrews-by-the-Sea, New Brunswick

15-19
Visit CSA at Booth #1839 at the AWWA (American Water Works Association), Anaheim, California.

August

18-22
Visit CSA at the IEEE Symposium on

Electromagnetic Compatibility, Boston, Massachusetts

September

5-14
Visit CSA's booth at Codes Expo 2003, Nashville, Tennessee

8-10
Visit CSA's booth at the National Codes Expo, Chicago, Illinois

8-13
Visit CSA's booth at the International Association of Electrical Inspectors (IAEI) Diamond Jubilee, Orlando Florida

16-18
Visit CSA's booth at Global Gaming 2003, Las Vegas, Nevada

CIRCLE THESE DATES!

IAEI's Diamond Jubilee September 7-13, 2003 At Disney's Coronado Springs Resort Orlando, Florida

MARK YOUR CALENDARS FOR

CSA's 2003 Annual Conference June 15 – 17, 2003 The Fairmont Algonquin St. Andrews-by-the-Sea, New Brunswick



The IAEI Diamond Jubilee takes place at Disney's Coronado Springs Resort, Orlando, Florida

APBs, product recalls and safety notices

CSA International's Corporate Audits & Investigations (A&I) team is an integral part of the CSA International Legal Department located in our Corporate Office. The A&I team investigates incidents involving CSA certified products, issues all points bulletins (APBs), product recalls and safety notices in co-operation with manufacturers and supports the standards development process. For more information visit www.csa-international.org/product_recalls.

12/23/2002
APB-21-02 CSA International and Makita U.S.A. Inc. announce recall to Circular Saws, Model #5740NB

12/3/2002
APB-20-02 CSA International and Milwaukee Electric Tool Corp announce recall to Electric Grinders

11/17/2002
APB-19-02 CSA International and Brother International Corporation

(Canada) Ltd. announce recall to Laser Printer Model #HL 1060

10/16/2002
APB 18-02 CSA International and Mandolyn Electric Technology Inc. announce recall to Electronic Thermostats, Model #THM311

9/19/2002
APB-17-10 CSA International and Black & Decker announce recall to Cordless Electric Lawn Mowers, Model

#CMM 1000 or CMM1000R

9/13/2002
APB-16-02 CSA International and W.C. Wood Company announce recall to Dehumidifier, Kenmore Plastic Body #25338 and 25439 and 45 pint #25345

9/6/2002
APB-15-02 CSA International and Black & Decker announce recall of 10 inch Table Saws, Model #BT2500

8/30/2002
APB-14-02 CSA International and Fluke Corp. announce recall of Digital Multimeters, Serial number 79000000

8/17/2002
APB 13-02 PENDING

7/22/2002
APB 12-02 CSA International and Valor Heating Ltd announce recall of Direct Vent Wall Furnaces, Model #837AN and 837AP

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IMPORTANT!

Please attach the address label from your Regulator's Update envelope here so we can match it with your record and have changes made efficiently.

1. In the future, I would like to receive news from CSA's Corporate Audits and Investigations by e-mail. ___ Yes ___ No
2. Please send me a free copy of the Recall Notice for _____.
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