



Inspector's guide to product approval



About CSA Group

CSA Group provides third-party product testing, inspection, and certification services to customers worldwide, contributing to a safer and more sustainable planet. CSA marks indicate that a product has successfully gone through a formalized process involving evaluation and testing. CSA Group tests, inspects, and certifies electrical, electronic, plumbing, gas-fired, mechanical, and other products to national and/or international standards.

The certification process

A product is certified when it has been found to comply with the applicable requirements for certification, a certificate of compliance or statement of certification has been issued by an accredited certification body, and, in some cases, the manufacturer has been authorized to apply the certification mark to the products. Products produced on a regular basis may require ongoing certification. These products are likely to be listed in either a certification body's website or in a hard copy directory published by the certifying organization.

Certification involves an initial independent evaluation of a product (or product prototype) to determine if the product meets the requirements of the standards specified in the certification documentation. The process may include testing as well as follow-up inspections to help ensure ongoing compliance with the certification requirements (standards). In some cases, a certification body may apply its mark to specific products that have passed the necessary evaluations outlined by the applicable standards; in other cases, a manufacturer may be licensed to apply the mark to the products it is producing.

In general, the certification process includes the following steps:

1. Application for certification
2. Testing, inspection, and evaluation of the product and resolution of any non-conformances
3. Initial evaluation of manufacturing factory
4. Evaluation of drawings, intended use, construction, and test results
5. Documentation and reporting of the evaluation
6. Issuance of Certificate of Compliance
7. Delivery of documentation to the manufacturer
8. Follow-up surveillance, factory audits

CSA Group certification marks

Widely accepted marks

Our marks are widely recognized and accepted throughout the U.S. and Canada and appear on over one billion certified products worldwide. A certification mark issued by CSA Group indicates that the product meets specified U.S., Canadian, and/or international standards for performance or safety.

Where necessary, additional clarifiers such as a standard may be included with the mark. Please see a list of CSA mark clarifiers on our website at [csagroup.org/marks-labels](https://www.csagroup.org/marks-labels).



Meets standards for products sold in the U.S. and Canada



Meets Norma Oficial Mexicana (NOM) regulatory requirements



Meets specified standards for products sold in the U.S.



Meets specified standards for gas-fired products sold in the U.S.



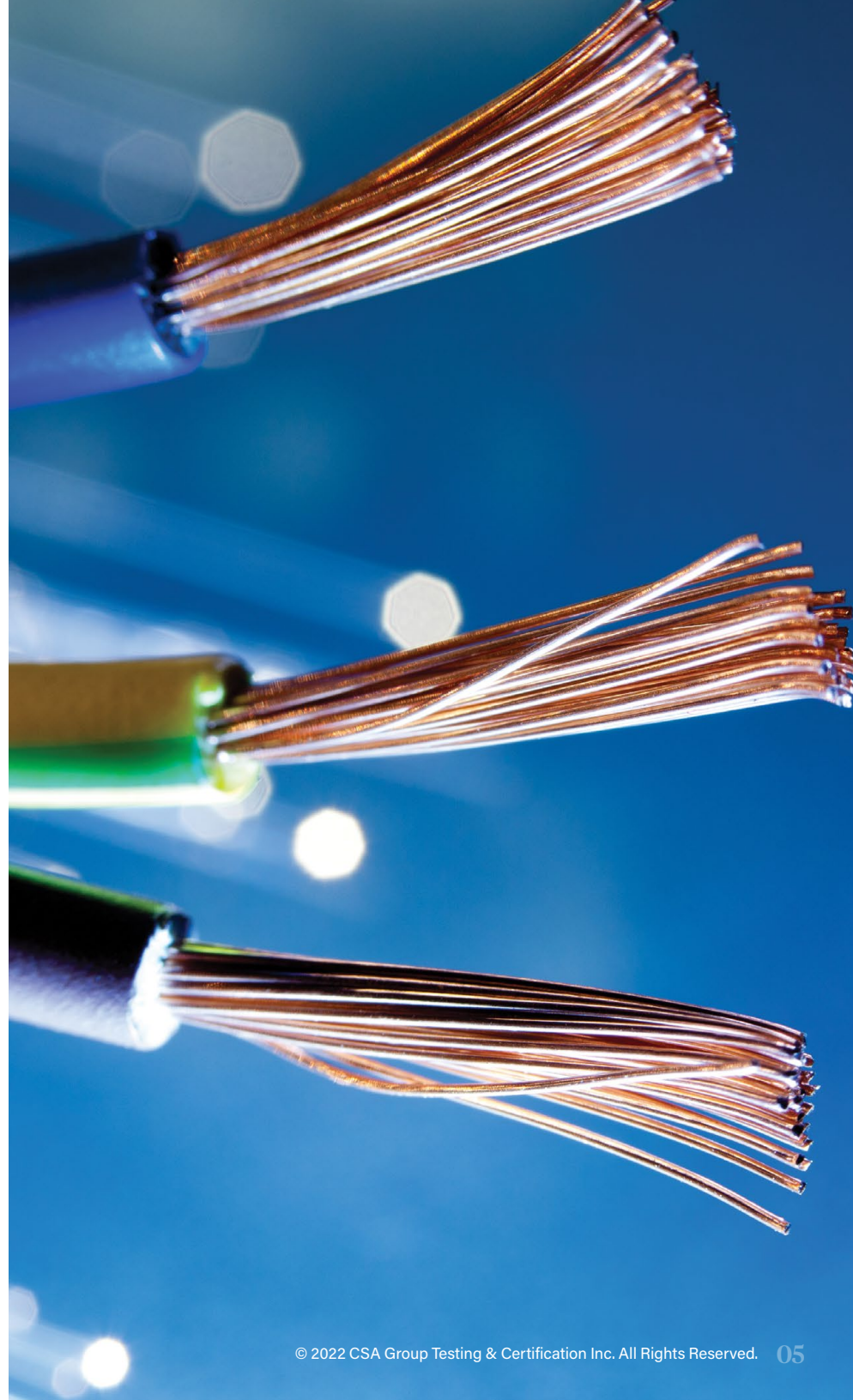
Meets specified standards for products sold in Canada



Meets specified standards for gas-fired products sold in Canada



Triangle Notation - Meets requirements for components only where some conditions of acceptability exist, for products sold in the U.S. and Canada



Electrical products



Meets standards for products sold in the U.S. and Canada



Meets specified standards for products sold in Canada



Meets specified standards for products sold in the U.S.



Triangle Notation – Meets requirements for components only where some conditions of acceptability exist, for products sold in the U.S. and Canada

CSA Group certification marks for electrical products are widely recognized and accepted by Authorities Having Jurisdiction (AHJs), leading manufacturers, specifiers, and retailers. They indicate that products are listed or certified to applicable U.S., Canadian, and/or international standards, including, but not limited to, standards published by:

- American National Standards Institute (ANSI)
- NSF International (NSF)
- CSA Group (CSA)
- UL
- The International Electrotechnical Commission (IEC)

For electrical product testing, inspection, and certification, CSA Group is recognized or accredited by:

- The International Electrotechnical Commission (IEC)
- Standards Council of Canada (SCC)
- The International Accreditation Service (IAS)
- The Occupational Safety and Health Administration (OSHA) Nationally Recognized Testing Laboratory (NRTL) Program
- Entidad Mexicana de Acreditación (EMA)
- City of Los Angeles

Gas-fired products



Meets specified standards for gas-fired products sold in the U.S.



Meets specified standards for gas-fired products sold in Canada

CSA Group rigorously tests and certifies a wide range of hearth and patio products, helping manufacturers demonstrate that these products meet the specified requirements for certification. CSA certification marks indicate that products are listed or certified to applicable U.S. and/or Canadian standards, including standards published by:

- CSA Group (CSA)
- UL
- CGA
- American Gas Association (AGA)

For gas-fired product certification, CSA Group is recognized and/or accredited by ANAB and OSHA (in the U.S.), and SCC (in Canada). Our “Star” and “Blue Flame” marks are North America’s most widely recognized and accepted certification marks for gas-fired grills and outdoor cooking appliances.

Plumbing products



Meets specified standards for products sold in the U.S. and Canada



Triangle Notation -
Meets requirements for components only where some conditions of acceptability exist, for products sold in the U.S. and Canada



Meets specified standards for products sold in the U.S.



Meets Norma Oficial Mexicana (NOM) regulatory requirements



Meets specified standards for products sold in Canada



Meets EPA criteria

Plumbing standards are constantly evolving with increased equipment safety, quality, and performance requirements in commercial and residential buildings. For plumbing product certification, CSA Group is recognized and accredited by:

Canada:

- SCC (ISO/IEC 17065)
- NRCAN (Energy Efficiency)

U.S.:

- ANAB (ISO/IEC 17065)
- EPA Watersense (Energy Efficiency)
- Clean Energy Council (CEC)
- American Society of Mechanical Engineers (ASME)
- ASSE International

Mexico:

- EMA (ISO/IEC 17065)
- CONAGUA

Sustainability for plumbing products

Sustainability is an essential product feature influencing customer buying decisions and is often mandated by governments. CSA Group is a leading source for third-party energy efficiency testing and verification required under ENERGY STAR and other programs administered by the U.S. Environmental Protection Agency (EPA) and Department of Energy (DOE) in the U.S., as well as Natural Resources Canada (NRCAN), the California Energy Commission (CEC), and others.

CSA Group is also an EPA WaterSense® licensed certifying body (LCBs) and can help verify qualifying products' efficiency and water savings capabilities.

CSA Group offers centralized testing, inspection, and certification services for all areas of the plumbing industry:

- Fittings and fixtures (e.g., faucets, valves, showers, lavatories, sinks, etc.)
- Grease interceptors (e.g., approved grease interceptors or grease removal devices qualify for installation in a restaurant kitchen or commercial location)
- Pipes and pipe fittings (e.g., pumps, as well as plastic and non-plastic pipes)
- Water quality components (e.g., plumbing products containing a filter, water softener, reverse osmosis unit, or ultraviolet disinfectant (UV) unit, plumbing products intended for drinking water supply)

Learn more about CSA Group's plumbing testing and certification services at csagroup.org/plumbing.

Field Evaluation and Field Special Inspection

CSA Group offers a Field Evaluation program (U.S.) and a Special Inspection program (Canada) for uncertified or modified products, systems, and equipment custom-built or manufactured in limited quantities.

Upon compliance with the requirements, the equipment is eligible to display the applicable CSA Field Evaluation or Special Inspection label. The Field Evaluation and Special Inspection programs are not certification programs; rather they are one-time safety evaluation programs for products tested to applicable requirements with site-specific variances accepted by the local Authorities Having Jurisdiction (AHJs).

SPECIAL INSPECTION SERVICE SERVICE D'INSPECTION SPECIALE	
 Gas safety evaluation based on Canadian codes requirements. This evaluation represents the results of a single inspection and does not constitute a certification. www.csagroup.org 1-866-797-4272	Évaluation de la sécurité gazière basée sur les exigences des codes canadiens. Cette évaluation représente les résultats d'une inspection unique et ne constitue pas une certification.
ACCREDITED TYPE A INSPECTION BODY BY STANDARDS COUNCIL OF CANADA ORGANISME D'INSPECTION DE TYPE A ACCRÉDITÉ PAR LE CONSEIL CANADIEN DES NORMES	
Project No. / Numéro de Projet : _____ Appliance Type / Type d'appareil : _____ Manufacturer / Fabricant : _____ Model & Serial / Modèle et Série : _____ Type of Fuel(s) / Type de Carburant : _____ Max and Min Input Rate / Débits calorifiques min et max : _____ Max and Min Manifold Pressure / Pressions min et max au Collecteur : _____ Min Inlet Pressure and Max Protected Inlet Pressure at the Point of Connection / Pression Minimale d'Admission et Pression Maximale d'Admission Protégée au point de raccordement : _____ Design Altitude / Altitude De Conception : _____ Approved as Portable (Yes/No) / approuvé comme appareil mobile (oui/non) : _____ Supply Voltage / Tension D'alimentation Volts _____ Amps _____ Control Voltage / Tension de Contrôle Volts _____ Amps _____	

For more information on the Field Evaluation and Special Inspection programs, please visit csagroup.org/field-evaluation.



Field certification for industrial equipment and hazardous location products

CSA Group also offers a Field Certification/Special Inspection program in the U.S. and Canada to provide one-time certification for a limited number of product units in the field. Upon compliance with the applicable standards' requirements, the product is eligible to display the Field Certification label. There is no follow-up inspection program for products certified under the Field Certification program.



Combating counterfeiting

The integrity of our marks is vitally important to CSA Group and the many regulators, specifiers, product manufacturers, retailers, and consumers who trust our mark. Counterfeit certification marks can deceive buyers into purchasing untested products that may cause serious injury, illness, destruction of property, or death.

CSA Group's dedicated Anti-Counterfeiting and Global Brand Protection Team works closely with international law enforcement, customs, and regulatory agencies to combat the unauthorized use of CSA certification marks.

To see counterfeit product alerts, visit: csagroup.org/product-alerts-recalls/
To report a suspected counterfeit product bearing the CSA mark, visit: csagroup.org/submit-a-report

Product Alerts and Recalls (PARs)

CSA Group's Conformity & Mark Integrity Team (CMI) assists manufacturers in initiating and coordinating product recalls. In cooperation with AHJs and manufacturers, the CMI team investigates incidents involving CSA Group certified products and posts product alerts, recall notices, and safety notices as necessary.

To report a product incident, please visit our website at: csagroup.org/submit-a-report

To subscribe to receive email notifications about PARs or to view our PAR listing, please visit our website at: csagroup.org/product-alerts-recalls

In addition, the legitimacy of a product bearing a CSA mark can be confirmed by comparing a product's identification information against the certification record found on the CSA Group Product Listing web page at: csagroup.org/product-listing.

Regulator Relations

CSA Group's Regulator Relations is available to assist inspectors and other regulatory officials with information regarding CSA Group product certification, including:

- Providing information about CSA marks and product certification
- Product incident report liaison
- Providing instructional seminars on certification, anti-counterfeiting, and regulatory issues
- Receiving feedback from regulators on certification and code issues

For more information, please email Regulator.Relations@csagroup.org





CSA Group Product Listing

You can obtain up-to-date information on any CSA-certified product or component on our CSA Group Product Listing web page.

Search our certification records to find products by type, manufacturer, manufacturing location, class number, etc.

Access the listings at csagroup.org/product-listing

Contact us

CSA Group is ready to help. Our experts are readily available to answer your questions regarding acceptance of CSA marks and the products that bear them.

 csagroup.org

 1-866-797-4272

 clientservices@csagroup.org



CSA Group

CSA Group is ready to help. Our goal is to assist you in doing your job as efficiently as possible. That's why CSA Group professionals are readily available to answer your questions regarding acceptance of CSA marks & labels and the products that bear them.

If you require further assistance, please contact our Client Services department.

csagroup.org

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North America | Europe | Asia

