



 **SOLAR CERTIFICATION PROGRAMS**

December 8, 2009
CANSIA Conference
Toronto, ON

John Glowacki
Senior Manager, Business Development
CSA International



 **Background**

- **Established in 1919**
- **Independent, not-for-profit, membership-based**
- **Leader in:**
 - Standards development
 - Product testing & certification
 - Hard-lines performance evaluations
- **3 distinct & independent operating units**



CSA Group Operating Divisions



SOLAR CERTIFICATION PROGRAMS

- **Electrical**

- Photovoltaics Panels
- Power control & distribution equipment

- **Plumbing/Water Heaters**

- System Certification Of Solar Domestic Hot Water Heaters (Class 2831-06)
- Component Certification For Solar Collectors (Class 2831-36)
- **Verification Listing Program For Energy Efficiency Of Solar Collectors (Class 8854-01)**

NEW

- **Program Outline**

- Verification Listing Program
 - Based on CSA Standard CAN/CSA-F378-87 (R1998)
 - Testing accepted from recognized laboratories
 - Calculations are verified and approved by CSAI
 - Eligible models are licensed to use the CSA EEV Mark
 - Verifications and listings valid for a 3 year period
 - Subject to annual inspections

- **Costs**

- Transfer fees – one time
- Annual licensing and inspection fees
- New applications – depending on need



• Marking Requirements

- Manufacturer's name or trademark
- Model designation or equivalent
- Serial number
- Country of manufacture (final assembly)
- Maximum working pressure
- Installation limitation (where applicable)
- For collectors employing intermediate heat transfer fluid, the toxic nature of the fluid
- CSA Energy Efficiency Verification Marking

• Implementation

- CSA announces the availability of this program via Informs
- CSA will transfer NRCan's existing listings and create certification records & public listings
 - NRCan has agreed to fund 50% of the transfer up to \$500 per listing through a contribution agreement with CSA
 - Listees will need to sign license agreements with CSA
- New requests will be handled by CSA through an application process
- Potential formation of an industry council to provide program guidance (in discussions with CANSia)



Verification Listing Program For Energy Efficiency Of Solar Collectors

• Benefits

- Industry sees smooth transition from NRCan to CSAI
- Facilitates the NRCan's exit from the "listing business"
- Provides industry with objective 3rd party evaluations
- Preserves a global approach based on an existing network of test labs
- Continues with online public listings with ratings
- Enables manufacturers to use the CSA Energy Efficiency Verification Mark
- Industry input to guide our certification programs



The CSA Difference

- Partner with industry to provide flexible and customized services
- Respected by regulators & Authorities Having Jurisdiction
- Fully accredited & recognized in the marketplace
- Stand behind our certifications & provide full support
- Only major North American-based Certification Body with a direct link to national standards development
 - CSA Standards
 - CSA America



Key Contact Information

Any inquiries can be addressed to:

Client Services

Client.services@csa-international.org

PH 1-866-797-4272

Any requests for quotations can be directed to:

North American Sales

certinfo@csa-international.org

PH 1-866-797-4272

John Glowacki

Senior Manager, Certification
Business Development

John.glowacki@csa-international.org

PH 416-747-2688

To verify product certification:

<http://directories.csa-international.org/>

Or

Call Client Services

To report a product incident or a suspect product:

http://www.csa-international.org/product_recalls/report/

E-mail

crushcounterfeiting@csagroup.org

Or

Call (416) 747-4278

Our website:

www.csa-international.org



THANK YOU!

