



# Solar Photovoltaic Systems

## Certified Training through E2inc for Red Seal Construction Electricians



E2inc (EJTC Enterprises) is a subsidiary of the Electrical Joint Training Committee (EJTC), B.C.'s leader in training for the electrical sector.

The EJTC is a labour-contractor partnership of IBEW Local 213, with over 8,000 members in the Lower Mainland and the B.C. Interior; and the Electrical Contractors Association of BC.

E2inc offer skills training solutions on a market basis for a changing B.C. economy and a changing world.

We're working with industry and government to lead Canada's shift to green energy and energy efficiency.

E2inc delivers outstanding electrical training, meeting the demand from employers and tradespeople for a safer and more productive workplace.

The construction electrician Solar Photovoltaic (PV) certification program is the first PV Solar training program designed to meet the needs of Canada's electrical tradespeople, industries, energy regulators, and the general public.

This certification, available in British Columbia through E2inc and its affiliates, aims to enhance the safety, quality, reliability and consumer acceptance of PV Solar installations.

E2inc offers the PV Solar program to Red Seal certified construction electricians through employers who are active or interested in the solar power market. Training is open to construction electricians who hold a Red Seal certificate. The 24-hour course consists of two day of in-class theory and one day focused on installation. Training takes place at E2inc's state-of-the-art campus in Port Coquitlam or at a suitable site as arranged with the employer.

With the growth in the Canadian market for PV Solar technology, there's a need for skilled labour and for safe and effective installation of PV systems. The cost of PV systems is dropping rapidly, and the B.C. Government is helping to drive the conversion to solar power through its Carbon Neutral Capital Program for schools, colleges and hospitals. However, connection to the B.C. power grid is subject to inspection and approval by BC Hydro, whether the PV system is residential, industrial or institutional.

Completion of the PV Solar training program will provide the construction electricians who install and maintain PV Solar systems with the knowledge and skills required for this line of work.

### Take the Step to Certification!

To find out about enrolling as an instructor or as an organization in the construction electrician PV Solar training program, contact **E2inc at 604-571-6532 or [pdavis@e2inc.ca](mailto:pdavis@e2inc.ca)**  
**[www.e2inc.ca](http://www.e2inc.ca)**



**PV SOLAR  
CERTIFIED  
training for  
construction  
electricians**

# Background on the PV Solar Training Program

## Certified Training through E2inc for Red Seal Construction Electricians



Canada's Construction Electrician Solar Photovoltaic (PV) certification program was developed by the CSA Group, a long-established authority on standards and certification, with funding from NETCO, Canada's National Electrical Trade Council.

The goal of the training program, available in B.C. through E2inc and its affiliates, is to promote public health and safety through professional certification in a fast-growing segment of the residential and industrial energy market.

The program enables Construction Electricians to read, understand and apply current codes related to Photovoltaic Solar installation; to understand the latest installation methods and technologies; and to learn the tools of the trade.



### About CSA Group

CSA Group is a standards development organization accredited in both Canada and the U.S. Its standards are recognized around the world for balance, technical superiority, and ability to meet the needs of industry, regulators, manufacturers and consumers.

The EJTC and E2inc have earned Recognized Training Provider status from CSA Group. The Recognized Training Provider program enables professional training organizations to provide access to CSA Group-developed training curriculum and materials. Under the program CSA identifies qualification and competency requirements for training professionals as well as quality standards for course curriculum, training methodology and related support materials.

CSA's personnel certification programs – such as the PV Solar training program -- are developed in compliance with the ISO 17024 standard, the global benchmark for organizations operating personnel certification programs.

For more information on CSA personnel certification programs, visit [www.shop.csa.ca](http://www.shop.csa.ca). The product code for the PV Solar training program is NOC 7241.



### About NETCO

Canada's National Electrical Trade Council (NETCO) funded the development of the PV Solar training program. NETCO is an affiliate of E2inc at the federal level. As the voice of the electrical industry in Canada, NETCO is a joint partnership of the International Brotherhood of Electrical Workers (IBEW) in Canada and the Canadian Electrical Contractors Association (CECA). IBEW local unions represent more than 65,000 members across the country, while CECA represents more than 8,000 electrical contractors.

NETCO's mandate is to promote national training standards, apprenticeship training and ongoing journeyman skills training in Canada with a particular focus on the Red Seal electrical trades. Through NETCO, the electrical industry shows its support for the shift to a more highly skilled, innovative and energy-efficient economy.

For more information, visit [www.ceca.org/netco](http://www.ceca.org/netco)



**EJTC ENTERPRISES inc.**  
A Subsidiary of Electrical Joint Training Committee