



# Quality Control

QUALITY | VALUE | INNOVATION

# Commitment to Quality



Canadian Solar product reliability and safety is second to none thanks to our strict compliance to quality control and laboratory testing processes.



## PV Testing Laboratory

- ✓ ISO IEC 17025 compliant
- ✓ Materials & component approval
- ✓ Performs **100%** of IEC 61215/ IEC 61730 required tests
- ✓ Touches **over 230 quality control points**

## International Environmental & Quality Management Standards

- ISO 9001: Quality Management System
- QC080000: Hazardous Substance Process Management
- ISO 14001: Environment Management System
- ISO TS16949: Automotive standard for PV quality control
- OHSAS 18001: Occupational Health and Safety
- Full Member of PV CYCLE

# Outstanding Value and Reliability



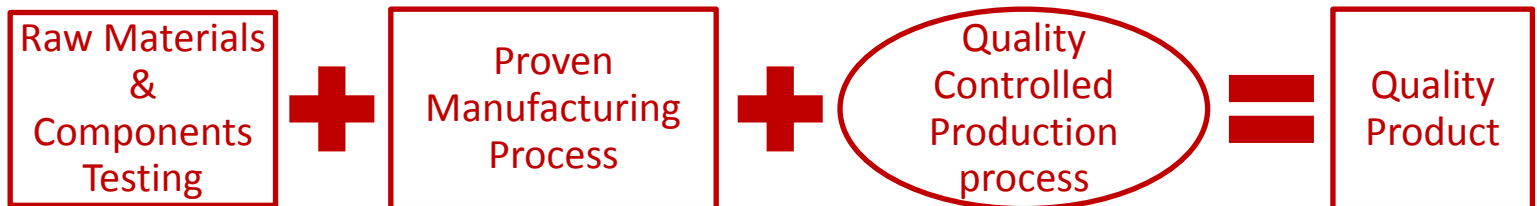
**Materials and Components:** undergo inspection and quality control testing at our in house ISO IEC 17025 accredited PV Material Testing Laboratory.

**Quality Manufacturing:** Meeting ISO quality standards, our processes are further proven by testing the safety and reliability of our modules at our in house PV Reliability Testing Laboratory which can perform 100% of IEC / UL required tests



We ensure quality from the beginning to the end of the production line through to packaging and transport by employing control and testing mechanisms at each stage.

We employ 235 quality control points from incoming materials through to manufacturing. Final stage EL screening eliminates product defects.



# Quality and Performance Certificates



## International Environmental & Quality Management Standards

- ISO 9001:2008 Quality Management System
- QC080000:2005 HSPM Hazardous Substance Process Management
- ISO 14001 Environment Management System
- ISO TS16949:2009 First PV manufacturer to adopt ISO TS16949 for PV quality control
- OHSAS 18001 Occupational Health and Safety

## International Testing Standards

- IEC 61215 & IEC 61730, UL 1703 & UL 790 & CEC
- CE conformity, MCS (EN45011)
- REACH Compliance

- ✓ IEC 61215
- ✓ IEC 61730
- ✓ IEC 61701: Salt Mist Corrosion
- ✓ Ammonia Resistance
- ✓ High PID Resistance
- ✓ REACH Compliant





**Thank You!**

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