



# Job Description

**Silfab Solar Inc. – Mississauga, Ontario**

**Job Title:**            **Production Operator**  
**Department:**       **Production**  
**Reports to:**         **Production Supervisor**

*To make a difference in the world by reducing carbon emissions and improving access to clean energy with every module we make.*

Silfab Solar is the largest automated Solar manufacturing facility in North America. We are an international leader in the development, manufacturing, distribution and innovation of ultra-high efficiency PV modules, operating with Just-In-Time manufacturing and leveraging over 35 years of Solar experience. Our state of the art facilities located in Toronto, Canada and in Bellingham, Washington have helped pioneer smart module technology and innovative process to produce superior reliability and performance specifically designed for North American market.

At Silfab Solar, our team members have been actively shaping sustainable solutions since its inception and we are looking to grow our team of 200+ experts who are dedicated to our mission and to evolving technology for the next generation of Solar products.

## **Primary Responsibilities**

- + Operate automatic and semi-automatic machines to position
- + Clean and prepare work station and machines
- + Assemble and test components and ensure adherence to specified requirements, soldering experience is an asset
- + Perform simple electrical and continuity testing of electronic components, parts and systems
- + Identify and mark acceptable and defective assemblies
- + Check final assembly for finish, labelling and packaging methods
- + Start monitor, stop and adjust soldering machines for production lines
- + Adjusts controls of soldering machines to regulate the operating speed, heat temperature and also length of flux
- + Read production schedules plus operations manuals and receives verbal instructions regarding sequential start-up operation of soldering machine or system
- + Perform preventive maintenance on soldering machines, using hand tools
- + Load work pieces into soldering machines in order to join components
- + Melts and separates soldered joints to repair misaligned or damaged assemblies, using soldering equipment
- + Production reporting (Excel/Production system (Navision))
- + Ensure profitable business operations
- + Understand deadlines and work under the supervision of Production Supervisor/ Lead Hand to perform and complete tasks in an efficient and effective manner.



- + Contribute to waste reduction and recommend process improvements
- + Maintain compliance with established policies and procedures and related Ministry of Labour laws
- + Ensure that final products meet high quality standards.
- + Complete other tasks as required and/or directed by management.

### **Education and Experience**

- + High School diploma or equivalent.
- + Minimum of 1 year of production experience.

### **Technical Skills**

- + Lifting up to 50 lb.
- + Basic computer skills
- + Hand-eye co-ordination; Manual dexterity; Ability to distinguish between colors
- + Standing/Walking/Bending and Lifting for 8 hours
- + Ability to perform repetitive tasks

### **Core Competencies**

- + Ability to work flexible shifts.
- + Problem solving; Continuous learning.
- + Team and customer oriented.
- + Attention to detail.

### **Compensation**

Competitive market based salary package with full benefits will be offered to successful candidate based on experience.