

# Factory Volunteers (Machinery)

The CHERP-LGP Volunteer Program

The CHERP LGP volunteer program is a rewarding opportunity to be a part of a community effort to build the world's first nonprofit solar panel factory! All volunteer roles at CHERP contribute to cleaner communities while addressing environmental justice and stimulating our local economy.

CHERP recruits volunteers to serve both in a hands-on capacity right on the factory floor through its **Factory Volunteer** program, on the job **Installation Volunteers** and out in the local community through its **Community Volunteer** program. Long-term and short-term volunteer roles are needed and training is provided for all volunteer roles.

**Factory Volunteers** are the “hands-on” heroes who support CHERP LGP in the physical manufacturing and maintenance of the solar panel factory. Factory volunteers consist of **Machinery Volunteers & Operations Volunteers**. Factory volunteer shifts are available in 4-hour, 8-hour or week-long shifts.

## Machinery Volunteer Job Descriptions

Machinery Volunteers provide a variety of tasks all of which include the operation of heavy machinery critical to the physical production of solar panels. Experience with this machinery is appreciated but not required. Machinery volunteers will work on one, or more, of the following:

### Laminator

Volunteer work with the laminator requires an understanding of the 5S technique. Volunteers will conduct and monitor the lamination process - much like a paper laminator. Duties may include but are not limited to identifying malaligned pieces and solving issues with the machine as they arise.

### Cut & Layer Eva/Backsheet

Volunteer work with the backsheet machinery may include, but is not limited to, feeding raw materials and/or parts into semi-automated machines, collecting and sorting finishing projects, ensuring that they are stacked appropriately.

### Laser Scriber

Volunteer work with the laser scriber may include, but is not limited to, safely and adequately loading materials, operating the machinery and sorting products safely once they are complete.

## General Machinery Volunteer Responsibilities & Essential Duties

- Set up machines (calibration, cleaning etc.) to start a production cycle
- Control and adjust machine settings (e.g. speed)
- Feed raw material and/or parts to semi-automated machines
- Inspect parts with precision and measuring tools
- Test operation of machines periodically
- Fix issues that might occur during the shift
- Perform troubleshooting on equipment when necessary
- Perform quality work checks to ensure the product meets quality standards

## Factory Volunteer Requirements

### Skills & Abilities

Ability to be trained on, and adhere to, all production processes and procedures  
Ability all work in accordance with quality standards and established safety procedures  
Ability to work in a team environment as well as independently  
Ability to maintain a clean and safe work environment  
Ability to understand and follow all company policies and procedures  
Strong written and oral communication skills  
Strong problem-solving skills; able to be flexible, detailed and forward-thinking

**Physical demands and abilities**

Ability to regularly lift 30-50 pounds  
Ability to regularly perform repetitive tasks  
Manual dexterity to operate machinery and assemble parts quickly and accurately  
Ability to sit and/or stand for long periods of time