

## Position Description

<b>Position Title:</b>	Facility Maintenance Technician	
<b>Department:</b>	Manufacturing Operations	
<b>FLSA Status:</b>		
<b>Reports to:</b>	Director of Facilities and Site Services	
<b>Supervises:</b>		
<b>Dev.date :</b>		Page 1 of 1

### Position Summary

Maintains Solar Module production line facilities equipment repair and maintenance in accordance with company and factory policies and procedures. Ensures highest possible uptime and lowest cost of operation achieved from all facility equipment in support of production lines running on 7 day X 24 hour operation to meet or exceed all production safety, output, yield, customer delivery, cost, and product quality/reliability targets.

### Essential Functions:

- Maintains Solar Module production line facilities equipment repair and maintenance in accordance with company and factory policies and procedures.
- Performs the maintenance and preventative maintenance care of all facility/utilities processing tools.
- Generates preventive and corrective maintenance procedures across all facility systems and tools.
- Develops schedule, frequency, resource task lists for all preventative maintenance to minimize production loss time and maximize preventative maintenance effectiveness.
- Responsible to meet or exceed all facility/utility supply performance targets including; but not limited to, uptime, MTTR, MTBF, and equipment Overall Operational Efficiency (OEE), and operating cost.
- Responsible for facility/utilities related quality control and/or quality improvements.
- Writes facility equipment corrective maintenance troubleshooting guides and procedures.
- Supports maintenance portion of any facility equipment startups, shutdowns, upgrades, and changes.
- Drives overall cost of ownership maintenance improvement methodologies for equipment.
- Manages facility/utility consumables, spares, and related support services for assigned tools.
- Ensures a clean and safe facility owned work areas using the 5S manufacturing methodology.
- Establishes and reports on facility/utility performance metrics, spares and consumable usage, and component life times on assigned tools.
- Maintains accurate records and logs on all facility/utilities maintenance activities.
- Ensures good communication between and across all facility shifts and/or days of the week.
- Works with tool supplier on training and certification procedures or specifications.

### Education and experience:

- High school diploma required. 2 year technical degree preferred.
- Minimum of 5 years of experience in relevant facility/utilities equipment maintenance.
- Prefer experience in silicon solar or semiconductor facility/utilities equipment applications including, but not limited to, PCW chillers, pumps, heat exchangers, RO/DI systems, CDA delivery systems, bulk gas, toxic gas delivery systems, HF, HCL, H2S04 chemical dispense systems, VOC and acid scrub abatement systems.
- Experience with developing and producing facility specifications and procedures.
- EMT, ERT, Hazmat training or other relevant experience a plus.

**Skills and Abilities:**

- Excellent reading, writing, arithmetic, and communication skills required.
- Strong leadership traits and sense of ownership. Response rapidly to trouble calls.
- Good knowledge of all critical central utility equipment operations including boilers and related distribution, chilled water systems and related distribution, specialty chiller systems, cooling tower operations, electrical switch gear operation, air compressor systems and related distribution, and emergency power generator operation and transfer station controls.
- Able to read and interpret mechanical and electrical drawings and diagrams.
- Multi-skilled in general facility related maintenance and construction disciplines.
- Basic electrical distribution, lighting maintenance, plumbing & pipefitting, HVAC maintenance and repair, refrigeration, front end building automation systems.
- Basic environmental regulation knowledge.
- Relevant knowledge in toxic gas and wet chemical handling systems.
- Proficient with software applications such as Microsoft Office and Microsoft Project.
- Strong problem-solving skills and ability to creatively develop and implement maintenance solutions to improve equipment or facility performance.
- Ability to multi-task as well as manage daily, weekly, and monthly required maintenance performance targets or deliverables effectively.
- Creates an environment of high productivity and enthusiasm across all shift team members to excel or exceed operation or company specified targets.
- Able to work with minimal supervision or guidance.

**Physical Demands:**

- Frequently lift, carry, move and position objects weighing up to 50 pounds unassisted, when performing essential job functions.
- Extended time standing or walking on hard production floor with confined spaces, multiple turns, or rooms.
- Bend, stoop, crouch, ascend, and descend on a regular basis when performing essential job functions.
- Constantly observe, assess, inspect, detect, convey, and exchange information when performing essential job functions.

This job description may be reviewed periodically as duties and responsibilities change with business necessity. Essential and marginal job functions are subject to modification.

My signature indicates that I have reviewed this Job Description. I further understand that critical features of this job are described under the headings above. They may be subject to change at any time due to reasonable accommodation or other business reasons.

\_\_\_\_\_  
Employee Signature

\_\_\_\_\_  
Date