



First Solar Job Description

Job Title: Wastewater & Recycling Technician II
Contact chass.rice@firstsolar.com with questions.

Apply at <http://www.firstsolar.com/en/Careers>

Basic Job Functions:

Maintain and upgrade existing Wastewater/UPW and Recycling equipment and perform research and development studies to design new technologies.

Experience:

- Minimum 2-4 years wastewater treatment experience and wet chemical processes/solar panel recycling OR;
- 2-4 years hazardous waste management experience OR;
- Associates degree in a science and technical discipline with 1-3 years' experience in their field of study.

Education:

- High School diploma or GED is required; associates degree preferred.

Required Skills/Competencies:

- Demonstrate proficiency with wet chemical processes (e.g. Wastewater treatment, precipitation of metals).
- Solid understanding of chemical compatibilities.
- Proven safe handling and experience of Industrial chemicals.
- Proven mechanical skill.
- Two years forklift experience is required in the past five years.
- Demonstrate proficiency with computerized (PLC) and mechanical equipment.
- Proven problem-solving and troubleshooting skills.
- Able to interpret and read basic mechanical engineering drawings.
- Good understanding of lab practices, instruments and equipment.
- Solid understanding of WWT/UPW and Recycling Systems.
- Assist with training associates as needed.
- Responsible for ensuring safe operations and escalate up if needed.
- Basic computer skills (Word, Excel, Outlook)

Essential Responsibilities:

- Perform standard tests to ensure proper operation of recycling, wastewater and related systems while troubleshooting components when there are problems.
- Perform minor maintenance and repair of equipment, including rebuilding pumps; coordinate standard PMs with maintenance department.
- Calibrate instrumentation per ISO work instructions.
- Perform routine analysis on samples using laboratory equipment.
- Maintain accurate records using databases, spreadsheets and other computer based programs.
- Properly collect, label, and store hazardous waste within the manufacturing plant and assist with shipment of hazardous waste from the plant per documented hazardous waste work instructions.
- Participation in the HAZMAT Response team.
- Responsible for maintaining a clean and orderly work environment following the 5S standard guidelines.



- Able to work other tasks as assigned.
- Use powered industrial equipment (fork trucks, e.g.) for moving various materials and chemicals.
- Responsible for verbal and written shift pass-down communications.
- Maintain inventory of supplies and chemicals.
- Audit shift data for quality check.
- Use MAXIMO to create work orders and completing PM's.
- Independently perform bench scale studies (Lab work) for new Technologies.
- Collect, maintain and interpret data for engineering studies using Microsoft excel or a similar program.
- Participate in Risk Assessment studies (JHA's, FMEA, LOTO and Work Instructions).
- Assist with coordinating the day to day operations and tasks.
- Job description subject to change at any time.

US Physical Requirements:

- Will sit, stand or walk short distances for up to 12 hours per day.
- Will climb stairs on an occasional basis.
- Will lift up to 51 pounds on an occasional basis, according to work instruction.
- Will lift up to 37 pounds on a frequent basis
- Will push or pull up to 27 pounds of force on an occasional basis.
- Will push or pull up to 10 pounds of force on a frequent basis.
- Required to use hands to grasp, lift, handle, carry or feel objects repetitively on a frequent basis.
- 20/40 vision in each eye (with or without correction) and the ability to distinguish between red, yellow and green is required.
- May reach above shoulder heights and below the waist on a frequent basis.
- May stoop, kneel, or bend, on an occasional basis.
- Must be able to comply with all safety standards and procedures.
- Ability to wear personal protective equipment is required (including but not limited to; steel toed shoes, cut resistant gloves, jackets, aprons &/or arm guards, safety glasses, hearing protection).
- All associates working on the production floor may be required to wear a respirator at any given time and thus, the ability to wear a respirator is a condition of employment and continued employment (requires little or no facial hair).

Potential candidates will meet the education and experience requirements provided on the above job description and excel in completing the listed responsibilities for this role. All candidates receiving an offer of employment must successfully complete a background check and any other tests that may be required.

Equal Opportunity Employer Statement: First Solar is an Equal Opportunity Employer that values and respects the importance of a diverse and inclusive workforce. It is the policy of the company to recruit, hire, train and promote persons in all job titles without regard to race, color, religion, sex, age, national origin, veteran status, disability, sexual orientation, or gender identity. We recognize that diversity and inclusion is a driving force in the success of our company.