



Position Title: Laser Process Engineer

Primary responsibilities:

- Identify and implement continuous improvement opportunities while working with cross-functional teams
- Define operational procedures for laser processing tools. Develop next generation laser tools based on process needs
- Work with EHS personnel to develop procedures to ensure health and safety requirements are met with respect to laser equipment
- Troubleshoot and eliminate down events on process tools
- Utilize DOE to explore processing windows and improve capability of the manufacturing process
- Organize and lead large improvement projects
- Tool and process ownership to meet or exceed goals such as uptime, process capability, yield, and module performance

To be considered, candidates must have the following background:

Education and certifications

- BS degree in Mechanical or Electrical Engineering or other suitable technical degree

Specific skills and knowledge

- At least 5 years of manufacturing experience with laser ablation of thin films, semiconductor photolithographic exposure equipment, or industrial laser scribing systems
- Special consideration will be given to candidates with greater levels of experience working with complex equipment in high volume manufacturing
- Experience working with teams in a matrix organization
- Highly motivated self-starter with a proven track record in the laser processing of thin films or critical layer photolithographic semiconductor processes
- Background in the laser equipment or the semiconductor industry
- Experience with laser scribing or ablating photovoltaic or semiconductor thin films
- Knowledge in automated controls systems and complex motion control systems is preferred
- Experience in problems relating to registration and alignment
- Managed vendors through long term projects/upgrades and lines down technical problems
- Led a team of multi-disciplinary engineers through equipment, process, and manufacturing improvements
- Troubleshoot and eliminate down events on equipment
- Experience writing work instructions relating to operations and process control
- Experience in setting up a control plan with control charts, response to out of control events, and capability analysis (JMP, DOE, SPC)

To apply for this position e-mail a resume of your background and qualifications to:
PrimeStar Solar, Inc.

employment@primestarsolar.com

Please include the job title in the subject of your e-mail.