



Manufacturing Engineer (LSG)

Job Description:

This position supports Manufacturing, Purchasing and Engineering personnel with the build and test of electro-mechanical-optical subassemblies for existing and new lithography systems

Responsibilities:

- Work closely with Design Engineering on new products and improvement projects.
- Provide manufacturability input to product design, identify design/process improvement opportunities and provide ideas and input.
- Develop, document, implement and maintain manufacturing assembly and operating procedures.
- Assist in refinement of the product development process for transitioning new product from Engineering to Manufacturing. Lead and support Manufacturing Readiness Reviews with follow-up actions and results.
- Assist Purchasing in make-buy and supplier selection processes; and assist in problem resolution with suppliers and design engineering.
- Determine most efficient method of assembly and test, optimum workflow, and space utilization; and support manufacturing documentation of those processes adequately. Manage and coordinate documentation for responsible products.
- Evaluate current product and initiate cost reduction proposals. Provide justification for capital equipment and budget exceptions.
- Provide timely support and resolution to manufacturing issues, rejected material disposition, quality issues, root cause analysis.
- Utilize data to make effective decisions and ensure we are focused on solving the biggest issues.
- Some travel will be required

Competency/Experience:

- Bachelors of Science in Industrial or Manufacturing Engineering
- New graduate or 1 - 5 years of related experience
- Ability to understand and work with schematics, assembly drawings and procedures.
- Able to read blueprints
- Capable of using CAD software, preferably Inventor.
- Experience in debugging mechanical and electrical problems.
- Demonstrated ability to work with and support manufacturing floor, engineering and purchasing personnel.