

Engineer Department Manager

Job Description ~

Rayotek is seeking an Engineering Department Manager to oversee both its engineering staff and engineering projects for a variety of internally and externally funded engineering programs.

Rayotek projects typically involve performing design, FEM, prototype testing and then integrating glass and/or other optical materials into robust structures. Our current projects include:

- High-pressure systems design
- Aerospace & deep-sea window systems with extreme pressure & mechanical loads
- Spacecraft window assembly design to withstand launch & reentry
- Exotic sight window research & design
- Industrial window & dome fabrication engineering
- Large glass art installations with highly creative, mechanical & structural needs

Typical workloads are 15 concurrent engineering projects ranging from small and simple to multi-million dollar projects that may span several years. As manager, candidate will have at least one project manager and 7+ engineers and technicians to manage along with various projects.

Position also requires working directly with customers and other departments including QA, Production and Sales.

NO SOFTWARE OR IT APPLICANTS PLEASE

Required Skills/Qualifications ~

- Must have Engineering Department Management experience
- An organized, flexible mind
- 10+ years engineering experience
- Degree in a high-tech field such as mechanical engineering or physics
- Management of engineering scheduling, milestones & deadlines
- Fiscal management of large projects including writing proposals, costing & budget management
- Experience working with a “real world” production environment
- Ability to read & understand complex mechanical drawings & GD&T
- Excellent communication skills with co-workers, customers & vendors
- Working knowledge of AS, ISO & document control concepts
- Experience working with government & prime contractors
- Experience working for a small, dynamic, fast paced company

Preferred Skills/Qualifications ~

- Glass, ceramics and/or other hard materials experience
- High pressure systems & vacuum knowledge/experience
- Understanding and experience with high stress evaluation, materials and design
- Production line experience and familiarity with best production practices

Benefits ~

Full medical, visual and dental after 60 days

401K with matching

Company Information ~

Rayotek Scientific, Inc., a San Diego based company, was founded in 1992 and has evolved into a global presence with extensive expertise in the engineering and fabrication of glass, sapphire, ceramics, refractory products, and sealed assemblies in high stress environments. Rayotek is located by the Torrey Pines State Reserve, between La Jolla and Del Mar; Rayotek operates in a 30,000sq-ft state-of-the-art facility.

Rayotek has gained a reputation with government labs, prime contractors and private organizations for novel, out-of-the-box solutions to challenging engineering problems in the fields of glass, sapphire, ceramics and complex structural assemblies using clear materials. As a result, our engineering team has been steadily growing and requires a leader to manage a team of very talented, knowledgeable, passionate engineers and technicians.

See our websites for more information about Rayotek, our successes, and what we do:
www.rayotek.com and www.rayoteksightwindows.com

This position involves information and hardware that is subject to International Traffic in Arms Regulations (ITAR). All applicants must be U.S. persons within the meaning of ITAR. ITAR defines a U.S. person as a U.S. Citizen, U.S. Permanent Resident (i.e. "Green Card Holder"), Political Asylee, or Refugee.

[Employment Application](#)