

NP Photonics, Inc.
Job Description

Job Title: Glass and Fiber Scientist/Engineer
Level: Depends on experience
Department: Engineering/ R&D
Reports To: VP Engineering / Chief Technology Officer

SUMMARY:

NP Photonics is seeking Glass/Fiber Scientist/Engineer who will be inventing, developing, improving, and producing specialty glass and fibers that will be integrated into innovative fiber-based products. The successful candidate will have a strong background and interest in the R&D of specialty glass and fibers.

Overall responsibilities will revolve around the research, development, and manufacture/fabrication of glasses and optical fibers. As part of this, the individual will maintain methods, operation sequences and processes. The goal of the work is oriented towards developing new glass and fibers as well as improving NP's existing glass and optical fiber platforms.

The individual will be part of NP Photonics Engineering Team and will interface with design engineering in coordinating the development/release of new products, make recommendations for tooling and process requirements of new or existing product lines, estimate manufacturing costs, and maintains records and reporting systems for coordination of manufacturing operations.

ESSENTIAL DUTIES AND RESPONSIBILITIES include the following. Other duties may be assigned.

- Contribute to identification of value-add opportunities based on innovative glass/fiber
- Actively target approaches to improve NP's glass and fiber portfolio
- Research, develop, implement, and document glass fabrication processes
- Research, develop, implement, and document fiber fabrication processes
- Be responsible for control of the quality of glasses and fibers
- Supervise and train glass technician(s)