

IPG Photonics is the leading developer and manufacturer of high-performance fiber lasers and amplifiers for diverse applications in numerous markets. IPG Photonics' diverse lines of low, medium and high-power lasers and amplifiers are used in materials processing, communications, entertainment, medical, biotechnology, scientific and advanced applications. Our products are displacing traditional technologies in many current applications and enabling new applications for lasers.

IPG's highly vertically-integrated development and manufacturing capabilities enable the Company to meet customer requirements, accelerate development, manage costs and improve component yields, while maintaining high performance and quality standards.

IPG is a global company with manufacturing facilities in the U.S., Germany, Russia and Italy, and regional sales offices in China, Japan, Korea, Taiwan, India, Turkey, Brazil, Mexico, Singapore, Spain, Poland, Czech Republic, Canada, and the United Kingdom. The Company sells its products globally to OEMs, system integrators and end users in a wide range of diverse markets that have the in-house engineering capability to integrate IPG's products into their own systems.

The Coating Engineer goals are to support production, develop new products, and improve processes and documentation for our state of the art optical coating department. We are searching for an individual with a strong background in Optical Coatings Technology. Requires extensive experience and knowledge of commercially available equipment specifically E-Beam Systems. In depth understanding of operation, maintenance, and troubleshooting. Capable of developing new coating processes. Experience with high laser damage AR and HR coatings in UV, visible, and near IR. Supports continual improvement by documenting, analyzing, reporting and improving process yields.

- Drive the operations of, trouble shooting of a E-beam coating chambers
- Develop designs, control plans and protocols
- Evaluate performance of product in order to drive improvement
- Reports process metrics
- Properly record information, summarize and communicate findings
- Train operators

**Requirements:**

- Advanced degree in Science or Engineering, preferably with Major in Optics or Lasers or BS with 5+ years of directly-related industry experience
- Expert in thin film coatings
- Experience with designing coatings and developing processes specifically for laser optics
- Experience with New Product Introduction (NPI)
- Experience with optical metrology
- Hands-on experience with optical components
- Familiar with a variety of coating technology.

- Ability to handle multiple tasks, organize and prioritize work load
- Excellent communication and organizational skills

This position must meet Export Control compliance requirements, therefore a “US Person” as defined by 22C.F.R. §120.15 are required. “US Person” includes US Citizen, lawful permanent resident, refugee, asylee. License exception Technology and software under restriction (TSR) defined in 15 CFR 740.6 may permit person from Country Group B. <https://www.bis.doc.gov/index.php/documents/regulation-docs/452-supplement-no-1-to-part-740-country-groups/file>