Title: APPLICATION ENGINEER
Classification: Full-time position
Reports to: Director of Engineering
Salary range: $80,000-$110,000

Corporate Environment: DPSS Lasers Inc. offers a unique team-oriented environment in which the cutting edge of laser physics is put to the test and made a reality. We offer competitive salaries, comprehensive benefits and a chance to grow professionally with a small, fast-paced Solid State Laser company in the Silicon Valley. DPSS Lasers is a subsidiary of ARCH Cutting Tool Corporation. For more information, visit www.dpss-lasers.com .

Job Description: Our Application Engineer must have the ability to process a variety of materials with our UV DPSS Laser Marking System to customer specifications. You must be able to review and analyze previous performance results, then develop and execute a new series of experiments. Accurate documentation and presentation of test results is a must. Ability to communicate and provide guidance to other members, including sales team and engineering team is essential. You must be able to provide technical knowledge to customers and potential customers. This role is full-time and reports to the Director of Engineering.

Responsibilities:

- Sample prep and data collection on a variety of materials, including but not limited to: ceramics, metals, glass, plastics and various composite materials
- Research, collect and present information on process feasibility of sample materials per customer specifications
- Design and perform complex and non-routine optical, electro-mechanical and process engineering tests to optimize laser system performance on sample materials to meet customer specifications
- Apply accepted engineering principles and practices to achieve desired results in process development yield and quality of the test application to sample materials
- Serve as a technical resource to Sales and Engineering personnel

Qualifications:

- 2-5 years experience in a laboratory environment (University experience applies)
- Strong technical and analytical skills—ability to design and perform single-variable tests
- Excellent documentation and communication skills—written and verbal
- Experience with laboratory measurements of thermal, optical, electrical and mechanical materials
- Basic trouble shooting of electrical, optical and mechanical systems is desirable
- Solid knowledge of computer hardware and software; programming experience a plus
- Self-motivated and accurate, with attention to detail in data collection
- Four-year technical degree in Material Science, Physics, Engineering or similar
- Strong customer-facing skills
- Ability to travel