

Engineering Technician – RF & Industrial CO₂ Laser Systems

Photovac Laser Corporation – Grove City, Ohio

Industrial Laser Remanufacturing | RF Power Systems | Precision Electronics

Position Overview

This is a technical career track—not a drafting job. Photovac Laser Corporation specializes in remanufacturing high-power industrial CO₂ laser systems used in aerospace, medical, and precision manufacturing applications. This structured apprenticeship provides hands-on training in RF power systems, DC and high-voltage electronics, industrial laser diagnostics, optical power delivery systems, and component-level board repair.

Career Growth Path

Year 1 – Electronics Foundation

- DC circuit troubleshooting
- Board-level diagnostics
- RF fundamentals
- Oscilloscope proficiency
- Supervised repair and testing

Year 2 – RF & System Integration

- RF amplifier systems
- Power density fundamentals
- Optical alignment support
- Independent repair assignments

Year 3 – Advanced Specialization

- Complex system diagnostics
- High-voltage RF tuning
- Field troubleshooting authority
- Customer-facing technical leadership

3-Year Training Commitment

This position includes substantial company-funded technical training and direct mentorship from senior engineers. A three-year training and retention agreement is required to protect the investment in specialized RF and laser systems expertise.

Responsibilities

- Diagnose RF control boards
- Troubleshoot DC and high-voltage systems
- Perform component-level board repair
- Work with oscilloscopes and diagnostic equipment
- Support optical system alignment
- Assist in laser remanufacturing and integration
- Occasional field service travel

Required Qualifications

- Strong understanding of DC electronics
- Ability to read and interpret schematics
- Comfortable using multimeters and oscilloscopes
- Mechanical aptitude
- High computer literacy
- Serious interest in electronics career growth

Additional Skills (Added Benefit)

- SolidWorks proficiency
- AutoCAD experience
- Basic Python or control software knowledge

College Graduate Applicants

Applicants applying directly out of college must clearly demonstrate hands-on electronics experience, lab-based circuit troubleshooting, and practical diagnostic skills. Academic coursework alone will not meet the requirements.

Compensation & Benefits

Starting Salary: \$60,000 per year

Paid Time Off & Holidays

Company-Paid Travel

Relocation Assistance up to \$2,500 (forgivable after one year)

Location

Grove City, Ohio (In Person)