

Steven B. Titus PE
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Major Work Experience

Leadership Supervised Production and R&D Engineering teams. Supervised Production. Represented US on international standard that was focused on worldwide medical standards harmonization. Co-chaired US Medical Technical stands committee. Manufacturing Supervisor. Project/Group leader for major medical device programs.

Engineer Designed analog and digital circuits. Engineered high power distribution systems. Implemented quality control/reliability programs, including ISO 9001. Developed quality assurance testing protocols. Developed engineering budgets. Completed test agency regulatory inspections and certifications. Wrote and performed market surveys.

Technician Assembled and tested various electrical, mechanical and optical designs. Analyzed circuit and software designs for critical medical equipment. Investigated FDA filings on field failures/complaints. Analyzed and improved production through component failure analysis. Designed and tested electronic/computer biological research systems.

Writer Author: *The Basics of Electrosurgery for Medical and Technical Professionals*. Technical writer of reports for pharmaceutical medical production facility qualifications to meet FDA requirements. Authored medical standards, both domestic and international. Wrote test agency filings and reports.

Education BSEE, Montana State University 1981

Certification Professional Engineering License, Colorado #26170, 1989

Special Training JIT, GMP, Geometric Tolerancing, Material Resource Planning, Total Quality Management, Quality Function Deployment, CAD (both electrical and mechanical), Project Management, Supervisor Training, Taguchi Design of Experiments, Targeted Selection Interview Techniques, Designing for Electromagnetic Interference, Excel, Word, Power Point, Microsoft Scheduler (and other office software packages).

Employers:

7/206 – Present	Free Drive EV, Inc. Bozeman, MT, Owner/President
6/00 - 7/06	Big Sky Laser Technologies, Bozeman, MT, Engineer/Group Manager
5/97 – 6/00	Wavelength Electronics, Inc. Bozeman, MT, Engineer/Engineering Manager
8/95 – 5/97	Protocol Solutions, Inc. Bozeman, MT, Engineer/Owner
4/94 – 8/95	Skyland Scientific Services, Inc. Bozeman, MT, Technical Writer
3/93 – 12/93	ILX Lightwave Corp. Bozeman, MT, Contract Engineer
10/92 – 3/93	Author
6/86-10/92	Valleylab, Inc. Boulder, CO, Engineer/Group Leader
7/85 – 2/86	University of MT, Missoula, MT, Zoology Technician
10/83 – 4/85	Bridger Scientific Inc., Bozeman, MT, Engineer/Production Supervisor
2/82 – 9/83	Montana State University, Bozeman, MT, Electronic Technician
5/81 – 1/82	Portland General Electric Power Company, Portland, OR, Distribution Engineer