

Paul Reckner

Electrical /Test Engineer, Biomedical & Air-Crew Training Systems Divisions - ENVIRONMENTAL TECTONICS CORPORATION

Harleysville, PA - Email me on Indeed: [indeed.com/r/Paul-Reckner/f9fdbdbb31900386](https://www.indeed.com/r/Paul-Reckner/f9fdbdbb31900386)

WORK EXPERIENCE

Electrical /Test Engineer, Biomedical & Air-Crew Training Systems Divisions

ENVIRONMENTAL TECTONICS CORPORATION - Southampton, PA - May 2000 to Present

Southampton, PA 05/2000 - Present

Electrical /Test Engineer, Biomedical & Air-Crew Training Systems Divisions

Engineering position for developing and supporting motion control systems.

Responsibilities include:

- Develop electrical designs for spatial-disorientation flight simulators and their facility support
- Issue Engineering Production Orders for Bill of Material releases
- Define system ladder logic architecture with input/output functionality
- Direct and perform the design of electrical systems
- Define and direct sub-system test procedures for initial start-up and performance criteria
- Author Design Documentation & Acceptance Test Plans

Sales Engineer; Biomedical & Sterilization Systems Division

Technical sales position providing pharmaceutical and sterilization companies with control systems and complete sterilization systems

Responsibilities included:

- Meet potential customers to define precise technical requirements
- Liaise with engineering and project management to develop system specifications and costs
- Write technical sales proposals for presentation to potential customers

Production Test Department Manager; Biomedical & Sterilization Systems Division

Responsibilities included the following support for hyperbaric treatment chambers, and steam & ethylene oxide sterilization equipment:

- Supervised acceptance test procedures ensuring all engineering specifications were met
- Demonstrated full compliance with contractual obligations by performing factory acceptance with customers
- Authored acceptance test procedures, test plans, and O&M's
- Supported installations by contact with the field service department
- Tested process control software
- Recommended and implemented corrections to equipment and software
- Trained personnel to perform all requirements of Production Test Technician
- Conducted in-house seminars with customers for service and operation
- Obtained European approval (CE Marking) on a Biomedical Systems product
- Write failure mode analysis (FMEA)
- Direct FDA 510(k) submission development

Biomedical Equipment Engineer

PROFESSIONAL HEALTH SERVICES INC - Havertown, PA - June 1994 to 2000

Performed service and support on occupational health testing equipment. Experience with x-ray, pulmonary function, audiometric, visual acuity, ophthalmic, and various other medical testing devices.

Responsibilities included:

- Specified and ordered replacement parts for all testing equipment
- Maintained an inventory of replacement parts and complete instruments
- Designed AC power control systems for the mobile testing vans
- Oversee x-ray safety and quality control issues
- Authored a Windows based instrument control and database system
- Assembled and edited procedure manuals for the technical staff
- Trained new employees in the use of all equipment
- Supported all field computers and a small office LAN

Electronics and Engineering Technician

MEDICAL ASSOCIATED SERVICES, INC - Hatfield, PA - October 1988 to August 1993

Tasks included:

- Electrical and mechanical assembly
- Personal computer repair
- QC testing and calibration
- Demonstration of units to customers
- Field service
- Coordinated the production of assembly drawings
- Created Bills of Materials
- Evaluated new concepts and instrument components
- Designed electrical and pneumatic circuits
- Evaluation and selection components incorporated into system designs

EDUCATION

Certificate in Microsoft

Penn State University, Great Valley - Valley, PA, US

May 1998

Philadelphia College of Textiles and Science - Philadelphia, PA

1992

Associate of Science in Electronic Engineering

Montgomery County Community College - Blue Bell, PA

May 1989

Technical in Industrial

Spring Garden College - Philadelphia, PA

December 1985

Certificate in Digital Electronics

Spring Garden College - Broomall, PA

September 1982

