

Bradford N. Henry

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R&D and Facilities Manager

12/2014 – Present American Surgical Company, LLC.

- Oversees and directs planning and building of automated manufacturing equipment.
- Oversees and directs equipment installation.
- Evaluates equipment runtime, yield and failure trends and plans and executes appropriate measures to continually improve processes.
- Plans, budgets, and schedules facilities modifications including cost estimates, bid sheets, layouts, and contracts for construction and acquisitions.
- Develops long range plans, conceptual designs, and capital outlay requirements and documentation for facility.
- Oversees the coordination of building space allocation and layout.
- Monitors the company's safety standards in accordance with OSHA and state regulations.
- Participates in Risk Management Process in accordance with ACS Risk Management Program

Electronics Technician III

6/2007 – 11/2014 Microsemi, Beverly, MA

- Perform tuning and final testing of precision oscillators used for accurate timing circuits. Experienced in using test equipment such as oscilloscopes, DMMs, spectrum analyzers, power meters, phase noise and Allan deviation test sets.

Marine Electronics Technician

3/2007 – 5/2007 Marblehead Trading Company, Marblehead, MA

- Installed/replaced marine electronics such as Raymarine through-hull transducers and indicators. Also installed vhf radios, antennas battery switches and associated wiring.

Senior Electronics Technician

4/2005 - 2/2007 Axya Medical, In., Beverly, MA

- Developed test software using LabVIEW. Created standard test methods, provided technical support to manufacturing and created engineering change notices. Experienced in using test equipment such as oscilloscopes, DMMs, impedance analyzers and function generators. Maintained company calibration program including scheduling and recording maintenance and calibration events.

Senior Electronics Technician

12/2002 - 4/2005 Insulet Corp., Bedford, MA

- Assisted hardware and software engineers in the design and development of an insulin pump and remote control. Designed fixtures and programming tools for PCB testing and programming. Provided technical support to manufacturing. Modified PCBs by soldered surface mount components. Utilized oscilloscopes, DMMs, spectrum analyzers.

Senior Electronics Technician

10/2000 - 11/2002 Axya Medical, Inc., Beverly, MA

- Assisted engineers by building and testing prototypes. Assisted in the transition of products from engineering to manufacturing. Developed procedures and test methods. Lead task force in implementation of turnkey contract manufacturer for electronic control unit. Developed production electrical safety test software using LabVIEW. Frequently used oscilloscopes, DMMs, impedance analyzer and function generator.

Final Test and Installation Specialist

4/2000 - 10/2000 Varian Semiconductor Industries, Gloucester, MA

- Performed final assembly and test procedures on Ion Implant systems. Frequently used DMMs and oscilloscopes.

Senior Electronics Technician

4/1998 - 4/2000 Communications and Power Industries, Beverly, MA

- Built and tested Receiver Protector devices for radars to customer specifications. Utilized RF Network Analyzers, power meters and oscilloscopes.

Assistant Manager/Electronic Technician

7/1985 - 4/1998 United States Navy, Norfolk, VA

- Performed maintenance and fault isolation of a variety of systems. This includes radar systems, servo-control systems, communication equipment, and environmental control systems. Managed and trained seven junior technicians in the maintenance, operation, and casualty repairs of two US Navy weapon systems and two canister missile launchers. Utilized various test equipment such as oscilloscopes, spectrum analyzers, DMMs and power meters.

Education

Christian Leaders Institute

Christian Development School

Ordinations

08/19/2023 Bible Study Leader

02/16/2023 Licensed Minister

01/12/2023 Christian Wedding Officiant

01/12/2023 Ministry Officiant

01/12/2023 Christian Officiant

10/03/2022 Commended Men's Minister

07/13/2022 Field Minister (Commended)

Awards

03/17/2024 Christian Ministry Award

11/11/2021 Basic Christian Ministry Award

08/11/2021 Christian Basics Award

08/11/2021 Christian Leaders Award

06/10/2021 Christian Leaders Connection Award

03/28/2021 CLI Entrance Award

6/1997 - 6/1999 Cleveland Institute of Electronics, Cleveland, OH

- Associate Degree in Electronics Engineering