JASON MILES PETERMAN

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# SUMMARY OF QUALIFICATIONS

23 years of experience performing a broad spectrum of electronic and electrical system maintenance, test, repair and calibration, including specific expertise in the following areas:

* 14 years of experience on High and Low Energy Linear Accelerators
* 2 years of experience on HDP-CVD Semiconductor Manufacturing Equipment
* RF and Microwave Systems
* Robotic Systems
* Ultra-High Vacuum Systems
* Pneumatic and Hydraulic Systems and Pumps
* Electromechanical/Mechanical Systems

# WORK EXPERIENCE

January 2015 to Present

CARTI Cancer Center, Little Rock, AR

# Senior Engineer

* Responsible for the In-House maintenance activities of 6 TrueBeam Linear Accelerators and their associated sub-assemblies
* Preforms all calibrations and testing to insure optimal machine performance and up-time
* Diagnoses mechanical, hardware, software and systems failures using established procedures
* Provides phone support/remote assistance for satellite sites
* Maintains site inventories to ensure high failure items are present to ensure the highest level of machine performance
* Maintains accurate system maintenance records and documentation
* Trains new clinical staff and physics in the safe and proper use of equipment

November 2013 to December 2014

Elekta Inc. North America, Tampa, FL

# Installation Engineer

* Responsible for the Installation of High Energy Linear Accelerators and associated equipment
* Installation activities at customer sites including cabling, assembly, running safety checks and initial machine start-up
* Performs calibration and testing activities for the Linac including equipment set-up, running the accelerator and all of its subsystems
* Performs customer acceptance testing by demonstrating to customers that the system conforms to the published specifications
* Maintains accurate installation records in accordance with company procedures
* Serves as company liaison with customer on administrative and technical matters for assigned projects

November 2003 to February 2013 Varian Medical Systems, Tampa, FL

**Senior Field Service Engineer** (Team Lead)

* Supervised six personnel on the daily operation of 32 Varian Linacs and their associated sub­ systems
* Performed On-Site servicing and maintenance of equipment including: High and Low Energy Accelerators, TrueBeam Accelerators, On Board Imaging Systems (OBI), Multi Leaf Collimators (MLC), Portal Vision (PV), Record and Verify computers systems (RV) including some (Aria) functions and Respiratory Gating System (RPM)
* Responsible for first call troubleshooting and in depth system analysis
* Applied technical expertise to assist District Engineers with complex problem resolution and fault isolation
* Trained on site personnel and junior engineers in the proper operation and maintenance of assigned equipment

November 2000 to 2003 Applied Materials, Hudson, MA **Customer Engineer**

* Responsible for on-site customer service of 13 High Density Plasma-Chemical Vapor Deposition (HDP-CVD) semiconductor manufacturing systems
* Primary responsibilities included start up preparation, start up installation, repairs and on site modifications
* Performed system troubleshooting, testing, repair and calibration of all assemblies and sub­ assemblies
* Assisted manufacturing floor personnel in the appropriate planning of the daily work schedule to ensure timely completion of preventative maintenance and remedial maintenance activities to ensure maximum system utilization
* Responsible for customer training and certification on equipment

November 1994 to November 2000 US Navy, San Diego, CA

**Fire Controlman 2nd Class** (Electronics Technician)

* Performed preventive and corrective maintenance on shipboard Close in Weapon Systems (CIWS) anti-missile ship defense systems
* Performed casualty analysis and fault isolation of system components, interfaces and electromechanical subsystems using system tests, test equipment and technical documentation
* Responsible for scheduling and supervision of all maintenance activities and assigned personnel

# EDUCATION/CERTIFICATIONS

Combat System Technical Core Electronics (Basic electricity and electronics) - US Navy Fire Controlman Class A School (Advanced electronics) - US Navy

Fire Controlman Class C School (Intergraded system maintenance, test and repair) - US Navy Applied Global University (System installation/maintenance) -Applied Materials

Factory Certified Varian Medical Systems Engineer (Beam and Imaging)