

Keith Wood

303-482-6846

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Longmont, CO

SKILLS

- Cleanroom/PPE protocol
- Cleanroom team lead, 4 years
- Interpreted assembly drawings
- Veeco Hi pot testing
- Helium leak testing
- Proficient with pneumatics, electrical and mechanical components
- Demonstrated ability to multi task, organize, prioritize and accomplish duties and special projects
- Highly accurate in documentation, certification and lab notebooks
- Excellent work ethic, enthusiastic and congenial while retaining my professional demeanor
- H.A.L.T. testing
- Built prototypes to manufacturing specifications
- Quickly learns new skills; creates maximum results

CERTIFICATION PROFICIENCIES

- Technician Cert. 1, 2, 3
- 5s (Sort, Set in order, Shine, Standardize, Sustain)
- Department Homeland Security – Chemical Security Awareness Certification
- GHS Hazard Communication Certification
- Longmont Storm Water Certification
- Blackfox crimping and wire preparation
- PPE (Personal Protective Equipment)
- Environmental Alert – 2013 – 1 Closed Containers
- Swaglock Tube/VCR fitting installation and safety
- Density/temperature/pressure effects on flow
- Quality assurance circle
- Speechmaster / Public Speaking Certification
- DOT Training
- Chemical Security Awareness Training

WORK EXPERIENCE

Matheson Tri-gas

Longmont, CO

05/2010 – 10/2018

Cleanroom Assembler/Tester

- Implemented Kanban system to decrease business costs and increase production into cleanroom 1000 saving time and money.
- Top producer of CYMER UHP (Ultra-High Purity) Gas Flow Delivery Systems and recognized by Project Manager multiple times.

- Fabricated several custom tools to efficiently repair high purity system builds which saved time and money.
- Routinely interpreted assembly drawings in cleanroom 1000 to accomplish builds.
- Lowered quality return rate from 12% down to 1.3% on products efficiently built that saved time, money and on time delivery.
- Adhered to all PPE protocol.
- Assembled UPH differential seal pumps, process panels, nitrogen panels, hydrogen boxes, high pressure cabinets, inert panels, optics panels, lock out tag out panels, process/purge panels, 7010 distribution panels and several other builds/cabinets.
- Tested builds with LabVIEW based software.
- Performed ongoing troubleshooting and repair of pneumatics, electrical and mechanical components as a tester.
- Tested using Helium leak, Hi pot testers with stringent quality control.
- Passed test results, certifications, documentation for all builds requiring job books.
- Served as a build trainer / instructor for designated UPH equipment.

First RF Corporation

Boulder, CO

10/2008 – 04/2010

Production Technician

- Took new products from prototype builds to manufacturing in the areas of RF antennas.
- Tested new prototype antennas in anechoic chambers for performing measurements of radiation patterns and in particular gain and pattern characteristics.
- Built several fixtures for testing of prototype equipment.
- Maintained and built communication and antenna systems providing superior performance.
- Used hand, power and shop equipment to fabricate specific antennas and meet custom customer needs.
- Read and followed blueprint to meet these specifications.
- Tested IUD antennas on equipment fixtures and network analyzers.

ADDITIONAL WORK EXPERIENCE

Medical Repair Technician, Heska Pharmaceutical Corp.

Loveland, CO

Facilities Maintenance, Boulder Medical Center

Boulder, CO

Engineering Test Technician, Micro Motion

Boulder, CO

COMMUNITY INVOLVEMENT

Mentor/Coach for baseball - Boulder, CO

Volunteer OUR Center - Longmont, CO

Board Member for Longmont Photography Club - Longmont, CO

EDUCATION

Marist College

Poughkeepsie, NY

40 credit hours towards Bachelors of Science (BS) degree Mechanical Engineering