

Ken Norcross

Test Engineer

Marlton, NJ - Email me on Indeed: [indeed.com/r/Ken-Norcross/32ed2e9392990aa2](https://www.indeed.com/r/Ken-Norcross/32ed2e9392990aa2)

WORK EXPERIENCE

Test engineer

Innovation Engineering, Inc - May 2004 to March 2012

- * Develop, modify and debug LabView programs for product operation, automated testing, and data acquisition systems
- * Design, build, and maintain test fixtures employing VXI hardware and GPIB, RS232, and RS485 interfaces
- * Provide test engineering support for design, testing and repair of high power RF generators and RF impedance matching networks
- * Inspected, tested, and verified printed circuit board layouts, operation, and functionality throughout manufacturing and production phases
- * Create, review, and modify mechanical drawings in AutoCad for supplier production
- * Assembled, configured, tested, and maintained personal computers and peripherals used in Automated testing
- * Develop testing and quality procedures for high power RF power supplies and RF impedance matching networks to improve reliability, manufacturability and testability
- * Design, build, and maintain test fixtures for outsourcing products to contract manufacturers
- * Develop testing and quality procedures for contract manufacturers to ensure compliance with company and customer requirements; provide on-site training and technical support
- * Provide technical and Field Service support for customers on Innovation Engineering products.
- * Assist product design engineers with design improvements for manufacturing, servicing and testing
- * Perform environmental, electrical, and mechanical stress tests (HALT and HASS) of RF generators and RF impedance matching networks
- * Review and approve hardware and software design plans, schematics, assembly drawings, system requirements to ensure accuracy and conformance with customer and industry requirements

Test engineer

ADVANCED ENERGY, Inc - July 1997 to February 2004

- * Develop, modify and debug LabView programs for automated test and data acquisition systems
- * Design, build, and maintain test fixtures employing VXI hardware and GPIB, RS232, and RS485 interfaces
- * Provide test engineering support for design, testing and repair of high power RF generators and RF impedance matching networks
- * Develop testing and quality procedures for high power RF power supplies and RF impedance matching networks to improve reliability, manufacturability and testability
- * Design, build, and maintain test fixtures for outsourcing products to contract manufacturers
- * Develop testing and quality procedures for contract manufacturers to ensure compliance with company and customer requirements; provide on-site training and technical support
- * Provide technical support for Test Technicians on complex engineering projects
- * Assist product design engineers with design improvements for manufacturing, servicing and testing
- * Perform environmental, electrical, and mechanical stress tests of RF generators and RF impedance matching networks

- * Review and approve hardware and software design plans, schematics, assembly drawings, system requirements to ensure accuracy and conformance with customer and industry requirements
- * Interview applicants for Test Engineering positions
- * Train Production Test and field service personnel on testing and quality procedures
- * Serve as liaison between customers, engineering department, Production Test department, suppliers, and field service personnel on projects and sales orders

Test Engineer

Advanced Energy - 1989 to 2004

Test Technician I and II

RF Power Products, Inc - November 1989 to July 1997

Electronics Technician Second Class

USS - January 1987 to November 1989

Maintenance and repair of Surface Search Radar System and Cryptographic Teletype System; supervised maintenance and repair of ships' electronic communications.

- * Directly supervised 5 personnel in communications department, delegating work assignments according to experience and qualifications
- * Prepared weekly equipment status reports.
- * Drafted and implemented quarterly and semi-annual equipment maintenance requirements according to ships' schedule and available manpower.
- * Acted as electronics training supervisor. Assisted in managing 12 personnel in electronics division.

Electronics Technician

US Navy - November 1983 to November 1989

Electronics Technician Third Class

US Navy - January 1985 to January 1987

- * Responsible for Surface Search Radar System; developed Instructors' Training Guides for two radar systems; coordinated test equipment calibration between Naval Command and RCA, Actively participated in AEGIS Combat Systems Operational Tests.

EDUCATION

Naval ET "C" School, Surface Search Radar
January 1985

Naval ET "C" School
January 1985

Naval ET "A" School
January 1984

of Duncanville High School
January 1983

Naval ET "C" School

SKILLS

Test Engineering, Test Equipment, HALT, Labview, Power Supplies, Test Automation, System Testing, Data Acquisition, Compliance Testing, Failure Analysis, Soldering, RF, Analog, Testing, Power Electronics, Electronics, Automation, Assembly, Quality Assurance, High Voltage

LINKS

<http://www.linkedin.com/pub/ken-norcross/b/4a2/970>

<http://www.random-images.com>

ADDITIONAL INFORMATION

Interests: Photography