

Kevin E. Perkins

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Summary

A highly experienced Electronics Test Engineer, who has worked in most disciplines of electronics to component level including, RF, Analogue, Digital and X Ray systems. Also I have extensive military systems test experience, together with a remarkable talent for fault diagnosis. Mainly as a Test - Development Test or Field Engineer, at premises such as The National Physical Laboratories. The Swiss Institute for Nuclear Science. The Institute of Hydrology. Guys Hospital. The Atomic Weapons Research Establishment, Marconi Command & Control Systems, Ferranti Naval Systems, British Aerospace and other Defence contractors. Several of the systems I have worked on were large weapon or x ray systems. Computers have always been an integral part of those systems, therefore I have gained a thorough knowledge of Basic, Dos, and all versions of Windows up to XP Professional and now Windows 10.. I have taken a short course in Technical Authorship and am Certified in RF Site Survey (802.11b). I'm also a Certified IPC Specialist and have Written many technical documents specs and schedules, I work to the highest quality standards and work well as a valuable team member or can use my own initiative, working effectively to the required standards.

Work History

Snell / Pro-Bel Ltd (Broadcast Equipment Manufacturer)

Senior Electronics Test Engineer

Sept 2005 – 2010

- Fault Diagnosis and testing of Broadcast Studio equipment
- Responsible for Aurora Router Control Systems and related equipment

Self Employed

Sub Contract test engineer

Aug 2003 – Aug 2005

Symbol Technologies

Senior RF Test Engineer
2003

1998 – Aug

- Diagnosed faults to component level on a wide range of RF, analogue and digital equipment, using circuit diagrams and layout drawings.
- Rectified faults using up to date test and measurement instruments.
- Devised and arranged Training for technicians promoted to the RF team.
- Provided engineering feedback and wrote relevant documentation to ISO 9000 standards.
- Prioritized workloads, organizing test interfaces and parts required, to complete each job

in a timely manner.

WLAN RF Field Engineer 1997 -- 1998

- Conducted RF site surveys prior to installation and commissioning of RF Network Interface Systems at Customer premises.
- Diagnosed RF Network System faults and rectified them, in a highly pressurized environment within tight schedules.
- Dealt directly with Customers, Managers and Engineers at various levels.

Waldecombe (Electronics) Ltd 1978 – 1997

Managing Director/ Electronics Engineer

- Sub-Contract Electronics Test Engineer, Field Engineer, Technician Engineer,
- Worked on Analogue, Digital, RF and X Ray equipment, to Component Level.
- Wrote Development Test Schedules and Production Test Specifications.
- Designed Test equipment and produced relevant circuit diagrams
- Worked to the highest Defence and Quality standards for high Profile, state of the art companies.
- Worked beyond the required remit to reduce costs and gain a reputation for technical ability and value for money.
- Traveled abroad and worked away from home where required.

Sperry Gyroscope/Flight Systems

Avionics repair Technician 1976 -- 1978

- Carried out detailed Overhaul/Service of Flight Systems and Instruments, such as Rate Turn Units and Vertical Reference Units.

S. Davall & Sons

Electronics Test Engineer 1973 -- 1976

- Tested and diagnosed faults to component level on Aircraft voice and data recorders.

Royal Navy

1964 -- 1973

- Nine years regular service in the Royal Navy, completed service as a Leading Seaman in the Radar Branch.

Contracts Overview (at Waldecombe Ltd)

| | | | |
|-----------------------------------|----------------------------|--------------------------------|---------|
| Symbol Technologies | Field/RF Repair Technician | 7 years prior to Permanent Job | |
| Air Log, Aldershot | Field/Test Engineer | Component Level | 1 year |
| Motorola, Basingstoke | Type Approval Eng | VHF Radio | 2mnth |
| Marconi MSDS, Frimley | Development Test Eng | Missile RF Project | 1 year |
| EMI Electronics, Woking 10mths | Test Engineer | Analogue/Digital | |
| Weyrad, Weymouth | Test Engineer | Switching Converters | 6 wks |
| Astrophysics, Windsor | Field Service/Repair | Xray Systems | 19mnth |
| CardKey, Reading | Test Engineer | Security Access 6 wks | |
| Marconi MSDS, Frimley | Development Test Eng | Missile RF Project | 2.5 yrs |
| APT, Reading | Test Engineer | Switched Mode PSU | 3mths |
| Phillip Drake, London | Field/Commissioning | Audio Studio Equip | 18mnth |
| Institute of Hydrology | Service/Repair Eng | Environmental instrts | 6 mnth |
| S E Labs, Frimley | Test Engineer | Data Recorders (Ana) | 9 mnth |
| Racal, Reading | Test Engineer (Night) | VHF Portable Radio | 3 mnth |
| S E Labs | Test Engineer (Night) | Data Recorder (Dig) | 2 mnth |
| McMichael, Slough | Test Engineer | Torpedo PSU | 7 mnth |
| Sperry, Bracknell | Technician Engineer | Assist Design, PSU's | 1 year |
| Ferranti, Crowthorne 11mnth | Test Engineer | DC Converters | |
| McMichael, Slough | Test Engineer | Nimrod, Recorder | 2 mnths |

Qualifications

City and Guilds of London Institute (Radar)
RN ETLR (GCE 'O' Level x 2)
RYA/DOT Yachtmaster Offshore
Symbol Tech WLAN 8.02.11 accreditation
Certified IPC Specialist

Recent Courses

IPC – A – 610D (Certified)
RF (WLAN) Systems (Various)
RF (WLAN) Site Survey (Certified)
HTML and CSS
Battery Management
Customer Care
Error Elimination

Personal

Date of birth 21-4-46, Married, Homeowner, two adult children,

Interests

Sailing; Genealogy; Occasional Golf; Computing and Web Design