

E&SD Warhead Electrical Systems Engineering Technician

Layout and ~~construction~~ of electronics hardware for use in Warhead Electrical System (WES) sub-assemblies/related items, and provision of design support.

Discipline	Engineering - Electronic
Employment Basis	Full Time
Location	Aldermaston
Salary Range	£20800.00 to £29120.00
Job Reference	27/06/01/651383

Key accountabilities

- To produce electronics hardware as required by design engineers.
- To support programme element development activities.

Responsibilities

- Produce electronics hardware to a suitable standard in support of Warhead Electrical Systems (WES) design activities, including assembly and wiring of electronics circuits and modules.
- Design and procure printed circuit boards (PCBs) for use within WES assemblies.
- Support component selection and supply activities.
- Liaison with design engineers, drawing office, manufacturing and other sections as required to establish requirements, agree designs and produce hardware.
- Support inspection and other quality control activities as necessary.
- Ensure that layouts and assemblies meet necessary safety, security and other performance criteria, and that relevant quality requirements are satisfied.
- Maintain at all times adequate design records and documentation to demonstrate the fitness for purpose of designs.
- Plan and monitor progress of work carried out, reporting deviations to the task manager.

Qualifications

- Recognised apprenticeship. ONC or equivalent in Electronics Engineering or related discipline. HNC desirable.

Knowledge

- Electronics construction and wiring standards knowledge highly desirable.
- Electronics and related components and their use highly desirable.
- PCB design processes and constraints highly desirable.
- Current PCB design and manufacturing standards preferred.
- Knowledge of Assurance processes and procedures preferred.

Experience

- Demonstrable experience of Printed Circuit Board (PCB) design/layout and /or electronics

manufacture.

Skills

- Assembly and construction of electronics hardware for high quality applications.
- PCB design and layout using appropriate CAD tools.
- Computer literate in the use of office and technical software.
- Understand and interpret engineering drawings.
- Able to work effectively in a multi-disciplined team.
- Clear and concise exchange of information at all levels.
- Literate and numerate to a level commensurate with the provision of technical documents.

Behaviours

- Operating within the company's standards, relating to Security, Quality, Environment, Safety and Health is essential for all roles at AWE.
- Working effectively with others towards common goals.
- Commitment to continuous development.
- Self motivated.

Special Requirements

- Flexible approach to the work to be done.
- Discretion working with sensitive information.