



Excellence in
Innovative
Science & Technology

[About AWE](#)[News](#)[Scientific and Technical](#)[Business](#)[Careers](#)[Site Map](#)

You are not logged in.

Profile

[Login](#)[Jobs](#)[List](#)[Full Search](#)[What's New?](#)[This Week](#)[This Month](#)[Register](#)[Experienced](#)[Graduates](#)

Warhead Electrical Engineer

To provide electrical/electronic design analysis, evaluation and qualification of a Warhead Electrical System.

Discipline

Engineering - Electronic

Employment Basis

Full Time

Location

Aldermaston

Salary Range

£28,000 to £38,000

Job Reference

27/11/02/650192

Key accountabilities

- To support the approval programme for the introduction of the System into UK Trident.
- To be responsible for maintaining the Design Authority design record for the System.
- To be responsible for preparing trials requirements and trials specifications.
- To participate in electrical trials in the UK and functional trials in the US.
- To be responsible for preparing trials evaluation reports for trials.
- To be responsible for preparing technical assessments based on UK and US qualification evidence.
- To review formal analysis and design evidence to support approval submissions.
- To undertake modifications to the UK Trident design package.
- To support warhead Process Run Throughs at AWE(B)
- To represent the Design Authority at AWE meetings.
- To represent the Design Authority at US/UK exchanges.

Responsibilities

Operating with the company's standards relating to Security, Quality, Environment, Safety and Health is essential for all roles at AWE.

Qualifications

quick search

Degree in electronic engineering or a related science based subject.
Membership of a Professional Engineering Institution.

Knowledge

Knowledge of Warhead Electrical Systems and their technologies.
Knowledge of warhead electrical interfaces with other warhead sub-systems and with launch delivery system.

Experience

Experience in electronic systems design and development.
Experience in assessing engineering and scientific evidence.
Experience in software development
The ideal candidate will have broad experience in these areas.

Skills

Ability to use office-based computer applications.
Ability to plan and execute formal trials.
Ability to write concise technical reports.
Ability to deliver good technical presentations.
Ability to anticipate problems and develop solutions.

Behaviours

To maintain a clear focus on high performance.
To understand the needs and objectives of others within the team.
To work effectively within a team framework to common goals.
Be able to communicate clearly, concisely and unambiguously at all levels.

Special Requirements

Willing to travel to design and test facilities in the USA and AWE Burghfield.
Willing to undertake a MSc in Systems Engineering.
Willing to act as mentor to graduate electrical engineers.

[Apply now on-line](#)

iCams Enterprise: powered by hireserve ltd

[Send to a friend](#)