

Xenon Transfer Monitoring Panel

Code: 20/34

Company: European Astrotech Ltd

Location: Westcott Venture Park, Aylesbury, Bucks, HP18 0XB

Company Description:

Spacecraft propulsion test and loading specialists. Propellant compatibility, analysis and test exerts.

Project Description:

Investigating the feasibility of utilising electronic sensors at high pressure to monitor the composition of high purity Xenon propellant during spacecraft loading operations

Applicant Specification:

Applicant should be able to fit easily into a team and be prepared to get their hands dirty! The project will not only investigate feasibility but also look at breadboarding possible configurations for incorporation into spacecraft loading equipment. Be prepared to be amongst propulsion engineers and propellant handlers who are used to working in harsh environments and unforgiving places! Understanding of the physical characteristics of Xenon would be a bonus, as would pressure feed systems but this can and will be imparted by EAL engineers during the placement.

Minimum Requirements:

- Undergraduate in Engineering or Chemistry

Preferred Additional Requirements:

- Good understanding of chemistry to A level standard

Further details:

8 weeks minimum fixed term contract to be agreed with successful candidate but nominally with a start date in July 2020 to attend the SPIN Induction day at the Satellite Applications Catapult, and completion before September for the Showcase. Salary is £1,500 per calendar month gross.

Closing Date for Applications: 5pm Monday 15 June



Applications should be made through the online form attaching a CV, before the closing date. Please note that elements of the form left incomplete will be deemed to render the application ineligible. They will be checked for eligibility and forwarded to the employer.