



Aerospace Engineer

DefendTex is an Australian owned Defence company with a strong focus on innovation, research and technology development. DefendTex services military and law enforcement communities around the world. At DefendTex, we value integrity, innovation, professionalism and passion. Our vision is to be a world leader in defence innovation.

DefendTex are seeking an experienced Aerospace Engineer to join an expanding team working on the development of cutting-edge Defence technologies, specifically developing leading edge, innovative and practical electronic systems and sub-systems for use in tomorrow's defence technology. This role is responsible for designing leading edge conceptual and preliminary flight vehicle designs to support DefendTex development in the missile space.

About this role:

- Layout and sizing
- Weight estimation
- Mission breakdown
- Aerodynamics and performance
- Stability and control
- Range estimations, trade studies
- External ballistics
- Flight testing and safety envelopes
- Design of high-performance flight vehicles for specified use cases.
- Develop concept and deliver product systems within budget and project timeframes
- Completion of milestones within project scope and successful demonstration including safety

About you:

- Bachelor or Masters in Aerospace Engineering or related discipline
- Strong relevant industry aerospace engineering experience
- Australian Citizenship - must be eligible for the Australian Government BASELINE security check
- Not be a prohibited person under Section 3 of the Firearms Act 1996 (Victoria)
- Experience in conceptual and preliminary flight vehicle design
- Demonstrated experience in supersonic flight vehicle designs
- Experience in composite design, flight testing and low observables
- NV-1 clearance advantageous
- This role is required onsite and thus you will be required under the Victorian Government mandate to provide proof of vaccination in accordance with the mandate.

A dynamic, agile and enthusiastic applicant who operates well in a multidisciplinary team environment will suit this role.

As a Defence security clearance is required for this role, applicants must be Australian citizens and eligible to obtain and maintain a Baseline clearance. To learn more about clearances please visit – <http://www.defence.gov.au/AGSVA>

Why us?

- Competitive remuneration
- Exciting projects and industry leading innovations
- Cutting edge surface mount electronics manufacturing facility on site
- Precision machine shop on site
- Wide range of test and measurement equipment and instruments including high voltage and RF labs
- Remote explosive ordnance and weapons testing facility
- Maritime research vessel for at sea testing
- Professional learning and development opportunities
- Working in a dynamic team environment with talented engineers to develop innovative, novel applications for defence
- Opportunity to work collaboratively with external research organisations and institutions

We are committed to ensuring diversity, inclusion and equality are embedded throughout our organisation for the benefit of our customers and our employees. We strive for a positive and engaging workplace where mental health and wellbeing are supported. We welcome applicants from all diverse backgrounds, including Aboriginal and Torres Strait Islander people.

If you are looking for a unique and exciting opportunity, we look forward to your application.

Interested?

If this sounds like you, are you're interested in applying for this exciting role, please send your CV and Cover Letter to our Head of People and Culture, Lauren McCleery at lauren.mccleery@defendtex.com