



# POSITION DESCRIPTION

<b>Position Title:</b>	Hypersonic Wind Tunnel Manager
<b>Position Reference Number:</b>	ECRRSD018
<b>Division</b>	Research Services Division
<b>Position Classification:</b>	S&T4 (APS6)
<b>Position Location:</b>	Eagle Farm, QLD
<b>Security Level:</b>	Negative Vetting Level 1
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## Academic Disciplines

Aerospace/ Aeronautical Engineering, Naval Architecture	Chemical, Radiological, Biological, Food sciences	Materials Science
Computer Sciences, IT, Software Engineering, Telecommunications	Mathematics and physics	Psychology and Social Sciences
Mechanical and Mechatronic Engineering (including robotics)	Electronic/ Electrical Engineering	Other

## Position Overview

The Hypersonic Wind Tunnel Manager will operate, maintain and sustain scientific infrastructure supporting experimental high speed research activities relevant to internal and external partner programs. The Hypersonic Wind Tunnel Manager will engage with researchers, engineers and technicians internal and external to DST in order to ensure the facility is configured and operational for scheduled research activities. Scientific Engineering Services (SES) is therefore seeking a suitably qualified and highly motivated and innovative Mechanical Technician or Engineer to operate, maintain and sustain a large scale Hypersonic Wind Tunnel soon to be located at DST's Hypersonic Research Precinct.

SES provides specialised scientific engineering, design and fabrication solutions contributing to keeping DST at the forefront of Australian Defence innovation, and providing valuable support to Defence and National Security operations. SES fosters a culture of excellence, world leading capability and strong external partnerships dedicated to supporting the engineering needs of DST.

## Position Duties

Under general guidance the Hypersonic Wind Tunnel Manager will:

- Undertake all operational, maintenance and sustainment activities associated with Hypersonic Wind Tunnel test facilities
- Engage with stakeholders, identify problems, arrange for the procurement of major and minor systems and engage with industry to ensure the continued operation, maintenance and sustainment of the facility
- Supervise and participate in facility improvement activities requiring design and fabrication input as necessary
- Maintain high pressure plant in accordance with relevant regulations
- Assist researchers with the installation of their models where necessary
- Develop safe operating procedures in accordance with internal policies and relevant regulations, and maintain responsibility for WHS compliance associated with the facility

## Other Requirements

The position may be exposed to chemical or plant hazards, personal protection equipment will be provided. Some interstate travel and participation on trials may be required. The position works as part of a dynamic team and there may be some peaks and troughs in the workload.



**APPLY [HERE](#)\***

**\*IMPORTANT APPLICATION INSTRUCTIONS:**

Applications are welcomed from candidates with **relevant qualifications** (ie, certificate, diploma, undergraduate, or postgraduate degrees). Please note to be successful at the S&T levels 3 and 4, **candidates will also require 2 or more years demonstrated industry experience**, and some positions require industry accreditations.

Please note: SES are making use of DST's "**Early Career Researcher**" application process for this recruitment activity. These positions are not research positions; they work alongside DST researchers toward scientific innovations and outcomes. **Please be assured this is the correct method of application despite the name of the process.**

For those applicants without a university degree, there is currently no 'non-degree' option on the application form under "**Applicant Preferences**" for the item relating to "**Education and relevant work experience**". If this is you, please select "**Graduate (Bachelor/Honours/Masters) with more than 2-years relevant work experience**" as the default, and be sure to include details as to your correct education, experience, and industry accreditation in your Resume. Thank you for your understanding while DST work with the Defence Careers team to correct this anomaly.