



<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
<b>Enquiries:</b>	Timothy Fletcher <a href="mailto:tim.fletcher@dst.defence.gov.au">tim.fletcher@dst.defence.gov.au</a> Ph 08 7389 6874

## 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
X	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](#)\*

**\*PLEASE NOTE:**

Applications are welcomed from candidates with **relevant mechanical engineering qualifications** (i.e. certificate, diploma, undergraduate, or post-graduate degrees). Please note, to be eligible, **candidates will require 2 or more years demonstrated industry experience**, and some positions require industry accreditations.

Applications are to be submitted through the **DST “Early Career Researcher”** application portal. As an ICT professional, you will work alongside DST researchers and contribute towards DST’s scientific innovations and research outcomes.