

Expeditioner Band 2.5 (APS 6) – Station Mechanical Supervisor

Classification	Expeditioner Band 2.5 (APS 6) - \$105,861 pa
Total Remuneration	\$178,797 pa (When in Antarctica/sub-Antarctic, inclusive of Antarctic Allowances)
Division	Australian Antarctic Division
Branch	Assets and Infrastructure
Section	Mechanical
Location	Kingston, Tasmania and Antarctic/sub-Antarctic deployment
Employment Status	Non-Ongoing (temporary)
Hours	Full-time (37.5 hours per week)
Security Clearance	Not Required

WHO WE ARE – Australian Antarctic Division (AAD)

The AAD is part of the Commonwealth Department of Climate Change, Energy, the Environment and Water (DCCEEW). As the primary agency for Australia's Antarctic Program (AAP), the AAD is responsible for achieving the Australian Government's Antarctic goals to:

- maintain the Antarctic Treaty System and enhance Australia's influence within it
- protect the Antarctic environment
- understand the role of Antarctica in the global climate system
- undertake scientific work of practical, economic and national significance.

THE JOB

Are you ready for your next leadership role? As a Station Mechanical Supervisor (SMS), you'll lead a mechanical team responsible for maintaining the plant, equipment and power generation facilities that keep Australia's Antarctic stations operating.

As the SMS, you are accountable for all mechanical operations and decisions on station. This includes overseeing the safe operation and maintenance of station power generation facilities, mobile plant, fuel farms and the mechanical workshop.

Your priority as the SMS is to ensure all mechanical work is carried out safely and effectively. Working in Antarctica offers a unique opportunity to lead a small, skilled team in a dynamic environment where no two days are the same. You will be responsible for planning and scheduling the mechanical team's daily activities, balancing operational priorities, available resources and changing conditions to support station operations, science programs and the wider station community.

This is a hands-on leadership role. In addition to leading a small mechanical team (1-6 staff), you'll undertake mechanical work and operate equipment as required. As part of the wintering crew, you'll participate in an on-call roster to respond to out-of-hours issues, primarily related to station powerhouse operations.

Station Mechanical Supervisors undertake 12-month deployments at Casey, Davis or Mawson stations. Suitable Expedition Mechanic and Station Mechanic Supervisor applicants may also be selected for Mechanic opportunities at Macquarie Island as well as Wilkins Aerodrome Diesel Mechanic.

Training for this role will occur prior to deployment along with ongoing support and technical advice from the Mechanical team based at Kingston during your time in Antarctica. No prior Antarctic experience is required for this role.

You should apply for this role if you have the appropriate knowledge, skills and experience and an interest in the challenge of living and working in a small community in a remote environment. Applicants will be assessed and if successful placed in a role for training and deployment, or a merit pool that will be used for future seasons.

Key duties will include, but are not limited to:

As the Station Mechanical Supervisor, you will lead a team of mechanical trades personnel and be responsible for the safe operation and maintenance of the station's mobile and stationary plant, workshop facilities, fuel systems and power generation infrastructure. You will plan and coordinate preventative maintenance activities, respond to operational priorities and ensure mechanical assets remain safe, reliable and fit for purpose.

- Lead and manage the Mechanical Team on station.
- Ensure the safe undertaking of all onsite activities carried out by the mechanical team, conduct risk assessments, and make complex decisions that may impact station operations, mechanical assets, and personal safety.
- Oversee the safe operation and maintenance of the mechanical components of station power generation facilities and liaise with relevant trade groups regarding powerhouse maintenance requirements.
- Plan, prioritise and coordinate the mechanical team's maintenance and repair activities to meet operational requirements and keep station plant and equipment serviceable, including maintaining CMMS records.
- Operate plant and equipment as required including loaders, forklifts, tractors and cranes.
- Provide mechanical support across station teams and operations, including providing technical advice on the most suitable mechanical equipment for operational requirements.
- Provide operator inductions and guidance on the safe operation of vehicles and plant as required, address unsafe equipment use and operating practices when identified.
- Manage fuel farms, bulk fuel transfers and the storage of lubricants, gas, spare parts and materials to support safe and effective station operations.
- Manage mechanical spares and consumable stock.
- Support station and field operations and assist science programs as required.
- As a member of the station leadership team you will contribute to the successful delivery of the Australian Antarctic program by supporting station priorities, providing written reports, and coordinating trade resources to meet changing operational requirements. This may include allocating trade personnel to support other station activities.

- As a supervisor or leader (irrespective of your title) you have specific health, safety and wellbeing responsibilities by modelling and applying safe work practices consistent with the AAD's Safety Commitment Statement and the AAD Safety Behaviours Framework.

WHAT WE ARE LOOKING FOR - ESSENTIAL

Required Identification/Qualification/Licence/Ticket	When you need to provide evidence	
	Provide copy with application	obtained prior to job commencement
Suitable Mechanical Trade - Certificate III MEM or AUR qualification or recognised equivalent such as motor mechanic, diesel mechanic, plant mechanic, fitter and turner, or auto electrician	✓	
Forklift (High Risk) Licence	✓	
Driver's Licence – A current, unrestricted "C" class (manual) Australian driver's licence.	✓	
Citizenship - In accordance with the PS Act 1999, APS employees are required to be Australian citizens. Persons who are not Australian citizens will generally only be considered where there are no suitable Australian applicants, with next considerations being Australian residents with work rights and New Zealand citizens.	✓	
Valid Passport - The expiry date of the passport (and any relevant visa) must be at least 6 months beyond the planned end date of your intended stay in the Antarctic or sub-Antarctic		✓
Provide First Aid (HLTAID011) must be valid for at least 18 months beyond the date of AAD commencement.		✓
Provide basic emergency life support (HLTAID010) must be valid for at least 18 months beyond the date of AAD commencement.		✓
Provide CPR (HLTAID009) must be valid for at least 6 months beyond the date of AAD commencement		✓

Knowledge and experience:

Recent experience (within the last 5 years):

- Maintaining appropriate work site safety procedures, including knowledge of work health and safety standards.
- Diesel engine maintenance, diagnostics, repair, and overhaul (such as Caterpillar, Cummins, electronic and non-electronic).
- Maintenance and repair of heavy plant, including tracked, wheeled and stationary equipment (such as Cat loaders, tractors and excavators, Grove cranes, Komatsu crushers).
- Managing plant and equipment and workshop facilities and supervision of a mechanical trades team.

Capabilities:

- Proven team leader skills.
- High level verbal and written communication skills to communicate clearly and effectively across a broad range of stakeholders.
- Demonstrated planning and scheduling of workshop activities to meet defined targets.
- Technical knowledge/experience in a field related to the maintenance of mobile plant, including an understanding of appropriate quality control methods and an ability to assess compliance with relevant standards and specifications.
- Demonstrated capability maintaining appropriate work site safety procedures, including sound knowledge of work health and safety standards, proficiency in risk assessments and job hazard analyses.
- Capability using a variety of technology including computer-based maintenance management systems and OEM diagnostic software.
- Current or very recent proficiency in risk assessments and job hazard analyses relating to heavy plant maintenance.

WHAT WE ARE LOOKING FOR – DESIRABLE

While not essential, experience in some of the following areas will be highly regarded. We encourage you to apply even if you don't meet all of the criteria.

Knowledge and experience:

Qualifications/licences (provide copies in your application):

- Dogging (DG) licence

Recent hands-on experience (within the last 5 years):

- Petrol engine maintenance, repair and overhaul.
- Maintenance and repair of medium vehicles and plant, including over snow vehicles, trucks, forklifts, etc.
- Maintenance and repair of light vehicles, including Toyota 4x4 vehicles, Honda all-terrain vehicles, etc.
- Maintenance and repair of small plant, including pumps, generator sets, heaters, ice drills, outboard motors, etc.
- Installation, commissioning, operation, servicing, and maintenance of single and three phase power generation equipment
- Hydraulic systems
- Automotive electrics
- Fitting and machining
- Welding and metal fabrication
- Workshop practices, including an understanding of current work health and safety policies
- Maintenance of stock inventories including stocktaking, reordering spares and consumables, etc.
- Preparation of monthly and annual reports.

Additional:

Should your application be successful, it is useful to have some understanding of any additional licences you have.

Qualifications/licences (provide copies in your application):

- Current Heavy Rigid (HR) driver's licence valid in Australia

- Forklift
- Confined space
- Dozer
- Elevated Work Platform
- Excavator
- Loader
- Operation of a crane
- Rigging
- Skidder
- Skid steer loader (Bobcat)
- Telescopic materials handler
- Working Safely at Heights

ELIGIBILITY AND OTHER REQUIREMENTS

This position is designated as performing Safety Sensitive Aviation Activities (SSAA) under the organisation's Aviation Drug and Alcohol Management Plan (DAMP) and the Civil Aviation Safety Regulations 1998 (CASR Part 99).

As a condition of employment, employees performing SSAA are required to comply with all applicable drug and alcohol management requirements, including:

- participation in drug and alcohol testing programs (including pre-employment, random, reasonable suspicion, post-incident and return-to-duty testing);
- complying with fitness-for-duty requirements;
- reporting the use of medications or substances that may impair safe performance; and
- complying with all applicable aviation safety policies, procedures and directions.

Drug and alcohol testing may involve the collection and screening of urine and/or oral fluid (saliva) samples in accordance with the organisation's DAMP and relevant legislative requirements. Further information is available in the organisation's Aviation Drug and Alcohol Management Plan (DAMP) and the Civil Aviation Safety Regulations 1998 (CASR Part 99).

Personal Qualities:

During the recruitment selection process, the AAD assesses individual personal qualities required to successfully live and work in an isolated Antarctic/sub-Antarctic community. Successful candidates need to demonstrate the personal qualities detailed [here](#).

Pre-employment check:

Your suitability for employment will be assessed through pre-employment screening including National Police Check, referee checks, pre-employment medical assessment, specified mandatory qualification(s) validation and completion of required probation period.

Work Health and Safety Obligations:

All employees have a duty to take reasonable care of their own health and safety while at work, to ensure their acts or omissions do not adversely affect the health and safety of other persons in line with any reasonable instruction given to comply with the Work Health and Safety legislation.

HOW TO APPLY

Information about how to apply can be found [here](#), including further information about AAD jobs.