



Australian Government

Department of Climate Change, Energy, the Environment and Water
Australian Antarctic Division



AUSTRALIAN
ANTARCTIC
PROGRAM

Expeditioner Band 3.1 (EL 1) – Drilling Engineer & Operator

Classification	Expeditioner Band 3.1 (EL 1) - \$112,089 pa
Total Remuneration	\$180,043 (When in Antarctica/sub-Antarctic, inclusive of Antarctic Allowances)
Division	Australian Antarctic Division
Branch	Operations and Logistics
Section	Traverse
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 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

This position is responsible for either drilling electrical system and associated equipment and/or operation of the ice core drill systems. As part of a small drilling Team, Drilling engineers and operators are key members in undertaking drilling operations and operating the drill systems in support of the MYIC campaign.

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.

The Traverse Section is responsible for AAD's Traverse capability, deployment and operation of the Inland Station as well as technical and operational aspects of the Million Year Ice Core (MYIC) program. The MYIC is a multiyear drilling activity being conducted at Dome Concordia North, approximately 1150 kms inland from Casey Station. Throughout the MYIC program, the Traverse

capability (comprising of two snow groomers and six traverse trains, tractors towing sleds circa 100 ton each) transit from Casey to the MYIC drilling site where the Inland Station is being established. It is expected that the Inland Station will be in full operation within the next few years to support the MYIC and other science activities near Dome Concordia.

Key duties will include, but are not limited to:

This position is a key member of the MYIC drilling Team. Maintaining and operating the drilling equipment, as highly bespoke systems is critically important to the success of the campaign.

Additionally, the occupant of this role will be required to operate drill systems as a member of the MYIC drilling Team.

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
<p>Trade or Technical Certificate – It is mandatory that personnel have <u>one or more</u> of the following requirements:</p> <ul style="list-style-type: none"> • Electrical Engineering degree. • Electrical trade with verifiable control systems experience. • Proven experience with ice core or other Antarctic/Arctic drilling systems. 	✓	
<p>Driver’s licence – Current, unrestricted “C” class (manual) Australian driver’s licence</p>	✓	
<p>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.</p>	✓	
<p>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</p>		✓
<p>Provide First Aid (HLTAID011) must be valid for at least 18 months beyond the date of AAD commencement.</p>		✓
<p>Provide CPR (HLTAID009) must be valid for at least 6 months beyond the date of AAD commencement</p>		✓

Knowledge and experience:

- Extensive electronic experience.
- Extensive scientific equipment knowledge and experience.
- Remote and/or Antarctic experience.

WHAT WE ARE LOOKING FOR – DESIRABLE

Knowledge and experience:

- Drilling experience in polar regions.

ELIGIBILITY AND OTHER REQUIREMENTS

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.

RecruitAbility:

Under the [APS \(Australian Public Service\) RecruitAbility scheme](#) you will be invited to participate in further assessment for the vacancy if you choose to apply under the scheme; declare you have a disability; AND meet the minimum requirements for the position.

HOW TO APPLY

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