



OVERVIEW OF THE ROLE

As a Station Plant Operator you will operate and maintain a range of plant and equipment used for construction and maintenance activities.

The Station Plant Operator is a summer job only. Station Plant Operators are employed at Casey, Davis, Mawson and Macquarie Island stations.

The Australian Antarctic Division is currently establishing an overland traverse capability. Traverse Plant Operators will be selected from suitable Station Plant Operator applicants.

WHAT YOU WILL DO ON THE JOB

As a Station Plant Operator you will be required to undertake some or all of the following:

- Operate plant and equipment including, cranes, loaders, bulldozers, telescopic material handlers, excavators, rock drills, rock crushers, tractors, fork lifts and trucks as required.
- Maintain roads, site excavation, quarry work (rock crushing), snow clearing, building construction and maintenance.
- Undertake materials and cargo handling including resupply cargo and waste packaging for return to Australia.
- Assist station, science and other programs where required.

Traverse Plant Operators

Traverse Plant Operators will be required to operate heavy tractors towing traverse cargo sleds as well as snow groomers which will be used to create the road for the traverse. Traverse Plant Operators will also be required to undertake other duties relating to the traverse including but not limited to connecting traverse trains, daily traverse start up and shut down procedures, emergency response, transfer and cargo unloading/loading, supporting the establishment of the mobile inland station and contributing to daily traverse activities including (but not limited to) cleaning and food preparation.

Senior Station Plant Operator

A Senior Plant Operator will be selected from the group of suitable Station Plant Operator candidates. As the Senior Plant Operator you will be responsible for supervising a team of Station Plant Operators, ensuring the team is kept updated on work plans and scheduling of tasks and delegating individual responsibilities.



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As a proactive and positive member of the community you will:

- Maintain a personal and practical commitment to AAD policies and standard operating procedures (including work, health and safety and environmental policies). Training and guidance in regard to all responsibilities relevant to your position will be provided.
- Perform duties to support the community life of the expedition, such as general kitchen duties, garbage clearance, general cleaning duties, and assisting other expedition members with official programs.
- Work in areas outside of your primary role, for example, providing assistance to other areas or science projects, or participating in general labouring tasks such as clearing snow or handling cargo.

The [General Information for Applicants](#) document contains critical information about living and working in Antarctica, and must be read in conjunction with this job description prior to applying.

Station Plant Operator - Technical Criteria

These technical criteria are used to assess your application for Station Plant Operator.

1. Essential

To apply for this role you must have the skills and licences listed below:

1. **Qualifications/licences** (provide copies in your application):
 - A White Card (issued after May 2009).
 - A valid, unrestricted Heavy Rigid (HR) licence.
2. Recent hands-on plant operation experience.

2. Highly Desirable

These are not essential to the role, but they will make you more competitive against other applicants. To increase the likelihood of your application being successful, you will need to have at least some of these.

Qualifications/licences (provide copies with in your application):

- Any licences or certificates of competency relevant to the plant and equipment listed below; and/or
- Completed units of competency included in training package RII30815 - Certificate III in Civil Construction Plant Operations

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

- Rough terrain cranes up to 45 tonnes (eg Grove, RT530E, RT540E & RT650E).
- Loaders (eg CAT 950F, IT62G/H, 966G/H).
- Bulldozers (eg CAT D6D, D6R/M, D7R).
- Multi Terrain Loaders (eg Cat 257B, 297C).
- Trucks rigid and articulated (eg Mack R Series, Isuzu NPS series)
- Tracked Agricultural Tractors (eg Cat MT865B, Case STX485)
- Air track drilling rigs (eg Atlas Copco ROC442).
- Telescopic Handlers (eg JCB 531/70 Loadall).
- Rock crushers (eg Komatsu BR380).
- Excavators (eg CAT 329D, 336D, Hitachi ZX50U).
- Rock breakers (eg NPK, Rammer).
- Elevated Work Platforms (eg JLG 510AJ)



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- Routine maintenance and services on plant as required.

Personal Qualities Criteria

The Australian Antarctic Division assesses individual personal qualities in terms of the attributes required to successfully live and work in an isolated Antarctic or subantarctic community. Successful candidates will meet the personal qualities criteria detailed below. Personal qualities are assessed at a later stage in the assessment process.

1. Demonstrate a strong work ethic

Evidenced by a proven history of efficient, effective, responsive and productive work performance.

Applicants for supervisory positions will be expected to demonstrate supervisory capabilities, including a good knowledge of workplace diversity, workplace relations, work, health and safety and environmental management practices and principles.

2. Demonstrate that they can make a positive contribution to community and team

Evidenced by:

- demonstrating the capacity to cope with physical and emotional isolation and the resilience to overcome hardship;
- demonstrating the capacity to work productively, contribute to the success of small isolated work groups and the overall community including recognising the effect their behaviour has on others;
- demonstrating a capacity to address and resolve issues of conflict;
- demonstrating the capacity to exercise sound judgement;
- demonstrating flexibility, tolerance and acceptance of changing circumstances;
- demonstrating qualities of robustness, motivation and confidence whilst displaying sensitivity, situational awareness and support and respect to fellow workers;
- demonstrating good social skills and taking pride in their appearance and maintaining socially accepted standards of hygiene;
- responsible use of alcohol; and
- not exhibiting behaviour that could endanger others' safety or be seen as being abusive, threatening or offensive to others.

3. Demonstrate that they can respond to authority and are compliant with the law, legislative requirements and AAD policies and procedures

Evidenced by:

- a history of complying with authority and supporting lawful instructions;
- demonstrating a commitment to and compliance with appropriate environmental management policies and practices;
- demonstrating a knowledge and history of compliance with work health and safety practices and principles; and
- recognition of harassment and discrimination issues and demonstrated compliance with associated legislative requirements.

4. Demonstrate a commitment to AAP specific requirements

Evidenced by:

- demonstrating commitment to supporting the Australian Antarctic Science Program;

- demonstrating willingness to participate in “common duties” and activities in support of the community generally; and
- demonstrating commitment to fully participate in all required training and associated activities.

Other Criteria

If you progress through the technical criteria and personal qualities stage of the process, the next stage will require you to undergo medical, psychological and character screening. Meeting and maintaining suitability in relation to these requirements is mandatory.

Medical

The AAD’s Polar Medicine Unit will determine your medical fitness for duty in Antarctica or the subantarctic following tests conducted on our behalf by a nominated medical practitioner.

As this role will require you to be involved in a Safety Sensitive Aviation Activities, a condition of employment is that you will be required to undertake drug and alcohol screening of urine and/or saliva samples.

Candidates considered for a role at Macquarie Island may be required to complete a fitness assessment.

Psychological

You may be required to undertake an adaptability assessment.

Character

You will be subject to a police records check.

Training

You must undertake all training requirements as outlined by the AAD.

You will be required to attain the following qualifications/licences prior to commencement with the AAD:

1. A current statement of attainment in the following units of first aid:
 - Provide First Aid (HLTAID003) valid for at least 12 months beyond the date of commencement; and
 - Provide CPR (HLTAID001).