



Australian Government

Department of the Environment and Energy
Australian Antarctic Division

RIGGER

OVERVIEW OF THE ROLE

As a Rigger you will be part of the team which maintains and develops the Australian stations on the Antarctic continent and at Macquarie Island. Your responsibilities will include working with cranes and other plant, assisting in the erection, cladding and fit out of new buildings as well as assisting in the maintenance of the existing infrastructure.

Rigger positions are generally only available for the Antarctic summer period as approximately six month contracts with one month in Australia and five months at a station. Winter positions are occasionally available when required for a specific project.

WHAT WILL YOU ACTUALLY DO ON THE JOB?

You will:

- Carry out structural steel erection.
- Carry out erection of modular and tower frame scaffolding.
- Assist with cargo handling for station resupply operations.
- Carry out the removal and installation of plant with the use of block and tackle.
- Carry out assessment and implement lifting for complex and unusual loads.
- Assist with other tasks in the construction and maintenance of buildings and services.

You will also:

- maintain a personal and practical commitment to Australian Antarctic Division (AAD) work, health and safety (WHS) and environmental policies. Training and guidance in regard to safety and environmental responsibilities relevant to your position will be provided by your supervisor and others;
- in common with all other expeditioners, 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; and
- work in areas outside of your primary trade, for example providing assistance to other trade areas, or participating in general labouring tasks such as clearing snow or handling cargo.

REQUIRED SKILLS, KNOWLEDGE AND ATTRIBUTES

- You will have wide general experience in the rigging trade with minimum of Intermediate Rigging and Basic Scaffolding, and at least five years of experience including current knowledge and experience in the following:
 - Structural Steel erection
 - Scaffold erection

DESIRED SKILLS, KNOWLEDGE AND ATTRIBUTES

- Knowledge and experience in the following is desirable:
 - Concreting
 - Operation of heavy plant and equipment
 - Inventory and stocktaking
 - Painting and plastering
 - Use of woodworking machines and power tools
 - Other building/construction skills

Qualifications and Licences - Required on Application

You must provide evidence of all relevant qualifications and licences in your application. Preferably attach a scanned copy. Otherwise, you must provide detail of the full title of the qualification/licence, date of issue and date of expiration (if relevant). Please note that if you do not provide evidence of required qualifications and licences, your application will not be considered further.

- You will have a current, valid licence to perform rigging intermediate level AND scaffolding basic level. A trade or technical certificate as well as additional courses and/ or high risk licences in the industry would be an advantage.

Qualifications and Licences - Required on Commencement with the AAD

- You must have 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).
- You will have successfully completed a nationally recognised construction industry safety induction unit and hold a current White Card (or nationally recognised equivalent).
- You will hold a current, unrestricted "C" class (manual) Australian driver's licence.

Qualifications and Licences - Desirable

Statements of attainment or licences in the following are highly desirable, however not required: working safely at heights; confined space; remove non-friable asbestos; supervise asbestos removal; dogging; forklift; elevated work platform; and operation of crane, telescopic materials handler, dozer, loader, excavator, skid steer loader and skidder.

Personal Qualities Requirements

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 in Attachment 1.

Medical, Psychological and Security Screening

If you are assessed as meeting the above job related and personal quality requirements, you will be required to undergo medical, psychological and security screening. Meeting and maintaining suitability in relation to these requirements is mandatory.

- 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. If required, this may include comprehensive drug screening for compliance to undertake Safety Sensitive Aviation Activities (SSAA).

- Psychological assessments are conducted on our behalf by a nominated professional provider.
- A security check in the form of a police records check.
- Candidates considered for a role at Macquarie Island may be required to complete a fitness assessment.

WORKING CONDITIONS - SPECIAL CONSIDERATIONS

Hazards that exist at the work site are controlled by various methodologies and will be discussed during your training. The isolation of Antarctica and the nature of the physical environment will require the employee to work in the following conditions:

- Outside in cold and dry conditions (as low as -45 deg Celsius).
- Outside in cold and wet conditions.
- Both high and low solar ultraviolet radiation exposure.
- On continental stations the nature of the environment increases the risk of slip hazards.
- The nature of the environment on Macquarie Island potentially increases the likelihood of muscular skeletal type injuries.
- Exposure to noise generated by aircraft and some items of plant that may exceed recommended exposure limits.
- Remote and isolated community living comes with:
 - Limited sophistication of medical support.
 - Limited scope for medical evacuation - if at all possible evacuation is likely to be delayed and prolonged.
 - Stressors of close communal living.

The built environment may require the employee to engage in work involving the following activities. The AAD provides suitable risk control measures and training for all such activities including a requirement to use personal protective equipment (PPE) for certain tasks and activities.

- Manual handling tasks, including handling dangerous goods.
- Working at heights.
- Asbestos removal. (You will be advised if your position will involve asbestos removal. In this case you will be required to undergo health monitoring. An initial baseline medical assessment will be conducted as part of the AAD's medical screening process.)
- Operation of heavy plant and industrial equipment.
- Vibration may be experienced when travelling or operating mobile plant.
- Work involving exposure to wood dust.
- Confined space work.
- Work on raw sewage treatment systems.

- Work involving the use of respiratory protection. Individuals involved in this work may be required to be clean shaven.

PERSONAL QUALITIES CRITERIA

Successful applicants will:

- **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.

- **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.

- **DEMONSTRATE THAT THEY RESPOND TO AUTHORITY AND ARE COMPLIANT WITH THE LAW, LEGISLATIVE REQUIREMENTS AND AAP 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.

- **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.