



OVERVIEW OF THE ROLE

As a Communications Rigger, and part of a two-person rigging team, you will carry out maintenance on masts and antenna systems at Antarctic Stations. You may also be required to remove masts and erect new antenna systems.

This is a summer job only available at any or all stations as required.

WHAT YOU WILL DO ON THE JOB

As a Communications Rigger you will be required to undertake some or all of the following:

- Survey the condition of all masts and antennas and associated feeder systems, making recommendations as to any maintenance required and the order of priority.
- Based on the above survey, plan and perform the necessary maintenance on the radio masts, antennas and associated feeder systems. This may include climbing guyed masts up to 50m high to maintain antennas.
- Assess the serviceability of mast/antenna spares, tools and safety equipment and make recommendation as to reordering replacement items.
- Install new masts and antennas as required – this may involve work at remote repeater sites, particularly at Macquarie Island.
- Adhere to Australian Safety Standards at all times.
- Make recommendations of further work required that was not able to be completed.

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.

Communications Rigger - Technical Criteria

These technical criteria are used to assess your application for Communications Rigger.

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 current advanced rigger certificate, valid in Australia.
 - A current Working at Heights Certificate.
 - A current, valid Elevated Work Platform licence.
 - You must have completed Tower Rescue training and your qualification is still current.
 - You must have completed RF Awareness Training.
 - A current, unrestricted "C" class (manual) Australian driver's licence.
2. **Skills and experience** (4-5 years or more is preferable):
 - Erection and maintenance of guyed masts, freestanding towers and antenna systems (HF and VHF radio antennas) and associated cabling/feeder systems.

2. Desirable

These are not essential to the role. To be suitable you do not need any of these, but they may make you more competitive against other applicants.

Qualifications/licences (provide copies in your application):

- A current, valid telescopic materials handler (TMH) licence.

Skills and experience (4-5 years or more is preferable):

- Installation and maintenance of fall arrest systems.
- Project control and supervision of a small rigging team.

3. Additional

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

- Forklift



Australian Government
Department of Agriculture, Water and the Environment
Australian Antarctic Division



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

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).