

WELDING TECHNOLOGIST

Position Details

Occupation: Welding Technologist (Equivalent to ANZSCO Skill Level 3)

6-digit Code: 070499

Reports to: Engineer, Manager, or Lead Welding Manager

Position Description: Manage and/or supervise welding-related processes and activities at a technical level, using detailed knowledge in the field of welding technology.

Main Duties and Tasks:

- Responsible for coordination of all welding and welding-related activities including defining the tasks of welding-related personnel.
- Verify that the organisation complies with all relevant quality considerations related to production with responsibility for the quality of welding and welding-related activities, quality control and quality assurance.
- Verify/monitor welding procedures through application of knowledge of welding processes and materials.
- Monitor welding procedure qualification.
- Review NDT procedures and interpret and/or apply the content of NDT report.
- Apply knowledge of relevant standards, materials and metallurgy, weld-joint design, corrosion, welding processes, fracture mechanics, and non-destructive testing.
- Undertake welding-related quality control inspections and clearances and sign on behalf of the organisation in welding quality-related matters.
- Troubleshooting and collaborating with engineers to develop the most suitable technical and economical solutions in respect of welding-related activities.
- Provide technical support in low-level complex welding-related matters.
- Work with welding supervisors to improve productivity and efficiency.

Skills, qualifications and experience:

AQF Certificate III including at least two years of on-the-job training, or AQF Certificate IV (ANZSCO Skill Level 3).

At least three years of relevant experience may substitute for the formal qualifications listed above.