

## Internal/External Advertisement

**DIVISION:** Nuclear Operations and Advanced Manufacturing

**DEPARTMENT:** Advanced Manufacturing

**VACANCY:** **Manager: Production (Re -advertisement)**

**SALARY BAND:** Hay 18/D3

**REFERENCE NO:** **MANAGER37A**

NECSA is a State Owned Company (SOC) in terms of the Companies Act and derives its mandate from the Nuclear Energy Act of 1999 responsible for undertaking and promoting research and development in the field of nuclear energy and radiation sciences and for the commercial exploitation of nuclear technology. NECSA engages in commercial business mainly through its two 100% owned commercial subsidiaries NTP Radioisotopes (Pty) Ltd. and Pelchem (Pty) Ltd. NTP is responsible for a range of radiation-based products and services for health care, life sciences and industry, whilst Pelchem supplies fluorine and fluorine-based products. Further information on NECSA can be obtained from the website [www.necsa.co.za](http://www.necsa.co.za)

### Job Profile:

To manage production and welding within Nuclear Manufacturing.

### Key Performance Areas:

- Implement and run an affective production and capacity schedule for the shop floor.
- Supply reliable and credible input to the quotations and procurement planning process.
- Manage the logistics, transport and rigging for subcontracted work and the collection of materials and items.
- Manage equipment maintenance, suitability and replacement of ageing equipment.
- Control schedules, cost and quality in the production environment.
- Work with managers to implement AM policies and goals.
- Manage the safety function on the shop floor.
- Manage production staff to meet schedules and quality. This includes all machining, boilermaker and welding work.
- Manage resources that are required.
- Review and adjust the schedule where needed.
- Determine and implement improvements to the production process
- Analyze production and quality control to detect and correct problems
- Monitor quality standards of product
- Monitor and review the performance of staff and organize necessary interventions for improvement
- Prepare and submit Monthly reports to the General Manager: Advanced Manufacturing.
- Participant in the selection and appointment of temporary staff
- Ensure that the working environment contributes to improving staff morale and increasing productivity
- Coach and mentor staff on an ongoing basis
- Communicate with staff as required

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- Identify and implement training requirements
- Ensure that all production staff are trained, skilled and that their expertise is optimally applied
- Implement and maintain Prowrite welding software program and annual licence renewal
- Participate in the required Safety and Quality audits
- Ensure that projects meet the schedule, cost and quality as agreed and required by the client.
- Take the responsibility as Welding Technician in the ASME environment
- Manage WPS, PQR and WPQ procedures and weld maps.
- Review and approve various procedures and work instructions.
- Implement the quality procedures as approved within AM to comply with ASME III, ASME VIII, ISO 9001, ISO 3834 and ISO 18001 standards.
- Implement stores and controls for a system that strictly controls inward goods and materials as well as issue and receipt to the shop floor.

### JOB REQUIREMENTS

#### KEY KNOWLEDGE & SKILLS

- Knowledge of engineering production/project work
- A result-driven approach to work
- Have experience in ASME III Nuclear (N Stamp)
- Have experience in ASME II, V, VIII and IX
- The ability to work under pressure and multitask.
- Leadership skills and the ability to motivate others to meet deadlines.
- Good knowledge of Welding Procedures ASME IX, EN and AM QMS.
- Knowledge of Mechanical Drawings
- Knowledge of design, drawing and data sheet, required with regards to specifications, design codes, standards and statutory requirement
- Knowledge of how WPS, PQR and WPQR work
- Critical thinking and problem solving skills.
- Knowledge in tenders, costing, pricing and contracts
- Knowledge, Experience and Skills in Estimation
- To be prepared to take on big challenges.

#### COMPETENCIES

- Creativity/Innovation.
- Judgment & Decision Making.
- Global Awareness/
- Environmental Scanning.
- Organisational alertness.
- Team work
- Technical Expertise
- Customer orientation
- Written communication

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### MINIMUM QUALIFICATIONS AND EXPERIENCE:

#### Education:

- Bachelor's degree in engineering (Mechanical/ Metallurgy/ industrial) and ASME Codes of Construction and the National Board Inspection Code Diploma; with
- a minimum of 5 years' experience in a workshop boiler making, welding and developing in a manufacturing environment, of which at least 5 years at a supervisory level.

#### OR

- Diploma in Engineering (Mechanical/ Metallurgy/ Industrial) and ASME Codes of Construction and the National Board Inspection Code Diploma; with
- A minimum of 7 years' experience in a workshop boiler making, welding and developing in a manufacturing environment, of which at least 5 years at a supervisory level

#### Experience:

- Plus experience in production and manufacturing processes and techniques.
- Plus experience of process improvement techniques.

Closing date: **24 November 2025**

### CONTACT PERSON

Ms. Brenda Berries

Tel: 012 305 3099

Please apply online <https://necsa.mcidirecthire.com/Internal/CurrentOpportunities> before the closing date.

**Important:** Necsa Group is committed to Employment Equity when recruiting. Therefore, priority will be given to African Females, African Males, and people with disabilities, in support of achieving our Employment Equity targets.

### GENERAL:

*Should you not hear from us within 30 days of the closing date, please consider your application unsuccessful.*