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CSIR Campus, Building 21, Meiring Naude Road, Pretoria, 0184

SENIOR MECHANICAL MAINTENANCE TECHNICIAN: ZONE OPERATIONS DIVISION (READVERTISEMENT 12 MONTHS FIXED-TERM CONTRACT)

(Internal and External Advert)

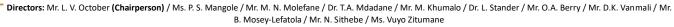
PURPOSE OF THE JOB

The Senior Mechanical Maintenance Technician is responsible for the operation and maintenance of machinery at TASEZ.

KEY RESPONSIBILITIES

1. Operation and Maintenance of Machinery:

- Develop, implement and maintain preventative maintenance schedule for machinery in accordance with the Original Manufacturer's Specifications, applicable South African National Standards and statutory requirements.
- Perform routine inspections and maintenance of machinery in accordance with the preventative maintenance schedule.
- Identify critical spares and service providers required for the maintenance of machinery and inform supervisor of these resources.
- Provide supervision of all machinery operation and maintenance activities undertaken at TASEZ to ensure that these activities are carried out safely and that all persons performing such activities are competent.
- Respond to mechanical incidents/emergencies, identify the root causes of these incidents and implement actions to prevent recurrence of such incidents.
- Diagnose mechanical issues using various root cause analysis techniques.
- Perform minor repairs and replace faulty components of machinery and test the equipment before commissioning.
- Install, assemble, and test new equipment or machinery according to the original manufacture's specifications.





- Ensure that installations are performed safely and efficiently, adhering to manufacturer specifications, applicable standards and statutory requirements.
- Ensure that new mechanical installations are performed by competent persons and that these installations conform with the original manufacture's specifications, statutory requirements and applicable standards.

2. Safety and Compliance:

- Develop, implement and maintain safe work procedures for maintenance of machinery in accordance with applicable statutory requirements and South African National Standards.
- Identify hazards, risks and continuous improvement opportunities for all machinery activities and implement actions to mitigate these risks or to improve work practices.
- Identify activities that require isolation of energy sources and enforce control
 measures to ensure that these activities are carried out safely and that all persons
 performing such activities are competent.
- Implement the organisation's SHE policies and procedures and stop any activities that do not comply with these policies and procedures or statutory requirements and other applicable requirements.
- Ensure that all applicable permits and job-cards are issued to the maintenance service provider before any mechanical activities are undertaken by the maintenance service provider.
- Inspect all work performed by the machinery maintenance service provider and ensure that all statutory documents and records are maintained.
- Review proposed changes to mechanical installations and provide guidance on best practices and compliance requirements to implement these changes safely.
- Train mechanical assistants on the safe operational and work procedures.
- Report all incidents, non-conformances and non-compliances to supervisor as soon
 as these come to your attention, identify the root cause of these incidents, nonconformances and non-compliances and actions to prevent recurrence thereof.

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 Develop tender specifications for the procurement of services providers and equipment.

3. Collaboration and Communication:

- Inform affected stakeholders of planned maintenance that may impact their operations.
- Maintain a list of emergency contacts related to the response to mechanical incidents.
- Work closely with other technicians, engineers, and production staff to ensure machinery operates smoothly.
- Provide input on process improvements and maintenance strategies.
- Communicate effectively with team members and management regarding maintenance issues and resolutions.

COMPETENCIES/KNOWLEDGE

- A successful candidate must have a good understanding of preventive and predictive maintenance strategies.
- Knowledge of safety regulations and best practices in maintenance.
- Basic understanding of mechanical, electrical, and HVAC systems
- Project Management
- Strong organizational and planning skills, with the ability to prioritize tasks effectively.
- Proficiency with maintenance management software (e.g., CMMS) and Microsoft Office Suite.
- Excellent communication and interpersonal skills and report writing
- Ability to read and interpret technical manuals, blueprints, and schematics.
- Strong problem-solving abilities and attention to detail.
- Must have excellent understanding of the Occupational Health and Safety legal requirements.
- Must be in a possession of a valid drivers' license

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• Must be able to work flexible hours which include day and night-time operations

QUALIFICATIONS

• Engineering Diploma or equivalent in mechanical engineering

REQUIRED SKILLS

- Occupational Health and Safety Act, 1993, General Machinery Regulations, 2014,
 Driven Machinery Regulations, 2015, Lift, Escalator and Passenger Conveyor Regulations, 2010, Pressure Equipment Regulations, 2009
- Operation and maintenance of HVAC, Fire Systems, Plumbing, Roller Shutter Doors, Lifts and Driven Machinery
- Reading and interpretation of technical drawings
- Use of hand and power-driven tools
- Incident investigation
- Risk Assessment
- Inspection
- Problem Solving
- MS Office

ATTRIBUTES

- Must have proven record of operating and maintenance of machinery
- Must be able to work overtime or stand-by in accordance with operational needs.
- Must be in a possession of a valid drivers' license
- Must have the ability to work independently and as part of a team.

WORK EXPERIENCE

 7 year post graduate experience in the operation and maintenance of machinery.

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APPLICATION PROCESS

Qualifying candidate s can send their comprehensive <u>CV</u>s, <u>Covering Letter</u>, <u>Certified Copies of SA ID</u> and <u>Qualifications</u> and <u>Three (3) Contactable References</u> to <u>recruitment@tasez.co.za</u>

CLOSING DATE

The closing date for applications 28 August 2025.

Kindly note if no feedback has been received within 30 days of closing date for the above-mentioned position, the applicant may consider their application unsuccessful.

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