

**Unit ID: FM009**

**Domain**  
**Unit Title:**  
**Level: 3**

**MAINTENANCE OPERATIONS**  
**Maintain generators**

**Credits: 4**

### **Purpose**

This unit standard is intended for those who carry out facility maintenance operations. People holding credit for this unit standard are able to: Plan and prepare for work; Carry out maintenance checks; and Clean up work area.

### **Special Notes**

1. Assessment evidence may be collected from a real workplace or a simulated workplace in which facility maintenance operations are carried out.
  - The candidate is required to adhere to safe working practices throughout all elements, which may include but are not limited to day-to-day observation of safety policies and procedures, compliance with emergency procedures, and fire fighting procedures.
  - The candidate is required to apply planning and organising skills, problem solving skills, and self-management skills.
2. Specifications refer to any, or all of the following: manufacturer's specifications and recommendations, and workplace specific requirements.
3. Performance of all elements in this unit standard must comply with relevant regulatory, legislative, and workplace requirements, manufacturers' specifications, and/or best industry practice.
4. Regulations and legislation, including subsequent amendments, relevant to this unit standard may include but are not limited to the following:
  - Labour Act, No. 11, 2007;
  - Regulations relating to the Health and Safety of employees at work, 1997; and all industry specific regulations, legislations, code of practice, or code of conduct.

### **Quality Assurance Requirements**

This unit standard and others within this subfield may be awarded by institutions which meet the accreditation requirements set by the Namibia Qualifications Authority and the Namibia Training Authority and which comply with the national assessment and moderation requirements. Details of specific accreditation requirements and the national assessment arrangements are available from the Namibia Qualifications Authority and the Namibia Training Authority. All approved unit standards, qualifications and national assessment arrangements are available on the Namibia Training Authority website [www.nta.com.na](http://www.nta.com.na).

## **Elements and Performance Criteria**

### **Element 1: Plan and prepare for work**

#### **Performance Criteria**

- 1.1 Work instructions, including specifications and operational details from product labels are obtained, explained, clarified and applied to the allocated task.
- 1.2 Potential hazards and risks are identified, minimised or eliminated.
- 1.3 Safety and security requirements, including personal protective clothing and equipment are obtained and applied to the allocated task.
- 1.4 Materials, tools and equipment are selected according to job requirements.
- 1.5 Generator is electrically isolated according to safety requirements.

### **Element 2: Carry out maintenance checks**

#### **Performance Criteria**

- 2.1 Fluid levels are checked and adjusted according to manufacturer's instructions.
- 2.2 Controls and gauges are checked for operation and adjusted according to manufacturer's instructions.
- 2.3 Items requiring specialist maintenance are identified and reported according to workplace procedures.
- 2.4 Workplace documents are completed.

### **Element 3: Clean up work area**

#### **Performance Criteria**

- 3.1 Tools and equipment are maintained and stored according to best industry practice and workplace procedures.
- 3.2 Waste are removed and disposed of in accordance with legal requirements and workplace procedures.

## **Registration Data**

<b>Subfield:</b>	Facility Maintenance
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<b>Date first registered:</b>	
<b>Date this version registered:</b>	
<b>Anticipated review:</b>	
<b>Body responsible for review:</b>	Namibia Training Authority