

Unit ID: FM003

Domain
Unit Title:
Level: 2

MAINTENANCE OPERATIONS
Prepare surfaces for painting

Credits: 10

Purpose

This unit standard is intended for those who prepare surfaces for painting as part of facility maintenance operations. People holding credit for this unit standard are able to: Identify and describe preparation requirements; Plan and prepare for work; Prepare surfaces for the application of primer and paint; 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 basic 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.

Elements and Performance Criteria

Element 1: Identify and describe preparation requirements

Performance Criteria

- 1.1 Characteristics of surfaces are identified and described.
- 1.2 Different types of substrates are identified and described.
- 1.3 Preparation techniques and sequences are identified and described.
- 1.4 Properties, purposes, and applications of materials, tools and equipment are described.

Element 2: Plan and prepare for work

Range

Fittings may include but are not limited to door handles; lock plates; barrel bolts; furniture; electrical switch and socket outlet covers.

Performance Criteria

- 2.1 Work instructions are obtained, explained, clarified and applied to the allocated task.
- 2.2 The condition of surface is assessed in terms of paint failures and potential paint failures.
- 2.3 Preparation of surfaces is planned in the correct sequence.
- 2.2 Potential hazards, including implications of exposure to excessive dust in the work area, are identified, minimised or eliminated.
- 2.3 Safety and security requirements, including personal protective clothing and equipment are obtained and applied to the allocated task.
- 2.4 Materials, tools and equipment are selected according to job requirements.
- 2.5 All fittings on the surfaces that need to be prepared for the application of primer and paint are removed.
- 2.6 Spot sheets are placed where required to protect objects from excessive dust exposure.

Element 3: Prepare surfaces for the application of primer and paint

Range

Surfaces include plaster; concrete; timber; plaster board; gypsum; metal; plastic; and fibre cement.

Performance Criteria

- 3.1 All imperfections are cleaned out, unwanted objects are removed.
- 3.2 Specific fillers are applied to a flush, even finish according to best industry practice.
- 3.3 Raw surfaces are sanded down cleaned or stripped and etched where required.
- 3.4 All surfaces are dusted down, or washed and left to dry where appropriate, after preparation.
- 3.5 Materials, tools and equipment used are ensured to be appropriate for specific surfaces.

Element 4: Clean up work area

Performance Criteria

- 4.1 Tools and equipment are maintained and stored according to best industry practice and workplace procedures.
- 4.2 Waste are removed and disposed of in accordance with legal requirements and workplace procedures.
- 4.3 The environment and public are informed through signage, notices, announcements and/or warnings.

Registration Data

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