
Overview

This standard is designed for the demonstration of competence in using basic tools and equipment, some of which may be power operated, for routine and predictable requirements, in support of minerals processing activities. This unit builds on general competence in complying with health and safety in the workplace and seeks to extend that into regular practices and procedures when using tools and equipment. Whether dealing with static equipment, hand- operated tools or carrying out predictable and routine operations with tools and equipment and small plant, the standard identifies good practice procedures that need to be employed by habit.

These standards are aimed at those using basic tools and equipment within their occupational area. This may be occasionally or more regularly, whatever the purpose and frequency of use it is intended to ensure tools and equipment are used correctly and safely. There are several categories of basic tools and equipment across all sectors. Those that typically fall into this area would be tools and equipment used for cleaning, clearing, moving materials and basic maintenance.

This standard is applicable to any person working in the extractives, mineral processing and related manufacturing industries and involved in the processing of materials. It does not apply to engineering maintenance personnel and activities, specialised equipment and non-routine situations.

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Use tools and equipment for routine and predictable minerals processing requirements

Performance criteria

- You must be able to:*
- P1 identify and confirm the activities requiring the use of tools and equipment
 - P2 carry out checks on tools and equipment
 - P3 identify defects with the tools and equipment and report to an authorised person
 - P4 use tools and equipment for the work activity
 - P5 clean, check and store tools and equipment after use
 - P6 carry out work activities according to **approved policies, procedures and practices**

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Knowledge and understanding

You need to know and understand:

- K1 how to identify, clean, check, handle, use and store the tools and equipment required for the work activity
- K2 the types of work activities and the tools and equipment required for the specific processing operations
- K3 the types of defects associated with the tools and equipment required for the work activity
- K4 the actions to be taken should tools or equipment be defective, damaged, unsuitable or inappropriate
- K5 your responsibilities under health and safety regulations
- K6 the **approved policies, procedures and practices** in the context of the processing operations, environment and the work activity

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Additional Information

Scope/range

- 1 **approved policies, procedures and practices:** legislative, organisational, operational, emergency, waste disposal, health and safety, and environmental as appropriate to the materials, processing operations, plant or machinery and work activity

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Developed by MPQC

Version number 1

Date approved January 2014

Indicative review date January 2019

Validity Current

Status Original

Originating organisation MPQC

Original URN MPQPO05

Relevant occupations Process Operatives; Process, Plant and Machine Operatives; Quarry workers and related operatives

Suite Processing Operations for the Extractive and Minerals Processing Industries

Key words process; processing; rock; mineral; tools; equipment; extractive
