



Australian Government

PMC552023 Finish products after firing

Release: 1

PMC552023 Finish products after firing

Modification History

Release 1. Supersedes and is equivalent to PMC552023C Finish products after firing

Application

This unit of competency covers the skills and knowledge required to finish clay and ceramic products after firing to prepare them for further processing or packaging. It applies to large production contexts and smaller craft contexts.

This unit of competency applies to operators who are required to inspect, finish and repair products to meet specifications and rectify routine problems.

This unit of competency does not apply to forming, firing or packaging of products.

This unit of competency applies to an individual working alone or as part of a team or group and working in liaison with other shift team members, team leader and supervisor, as appropriate.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Competency Field

Operations

Unit Sector

Not applicable

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

- | | | | |
|---|----------------------------------|-----|---|
| 1 | Inspect and sort products | 1.1 | Grade products to ensure enterprise standards are met |
| | | 1.2 | Mark items with code to indicate grade/batch |

- | | | | |
|---|-------------------------------------|-----|---|
| 2 | Finish and assemble products | 2.1 | Apply finishing techniques to produce a properly finished product, as required |
| | | 2.2 | Assemble products to specification, as required |
| | | 2.3 | Maintain appropriate records and log books of equipment operations to meet procedures/work instructions |
| | | | |
| 3 | Rectify routine problems | 3.1 | Identify the range of faults that can occur during the operation |
| | | 3.2 | Determine and rectify fault causes in accordance with procedures/work instructions |
| | | 3.3 | Identify and rectify equipment failure causes in accordance with procedures/work instructions |
| | | 3.4 | Identify non-routine problems and report to designated person |
| | | | |
| 4 | Control hazards | 4.1 | Identify hazards from the job to be done |
| | | 4.2 | Identify other hazards in the work area |
| | | 4.3 | Assess the risks arising from those hazards |
| | | 4.4 | Implement measures to control those risks in line with procedures |

Foundation Skills

This section describes those required skills (language, literacy and numeracy) that are essential to performance.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

This field allows for different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

Regulatory framework

The latest version of all legislation, regulations, industry codes of practice and Australian/international standards, or the version specified by the local regulatory authority, must be used.

Applicable legislation, regulations, standards and codes of practice include:

- health, safety and environmental (HSE) legislation, regulations and codes of practice relevant to the workplace, equipment and production processes and hazardous materials
- Australian/international standards relevant to the materials being used and products being made
- any relevant licence and certification requirements.

All operations to which this unit applies are subject to stringent HSE requirements, which may be imposed through state/territory or federal legislation, and these must not be compromised at any time. Where there is an apparent conflict between performance criteria and such requirements the legislative requirements take precedence.

Procedures

All operations must be performed in accordance with relevant procedures.

Procedures are written, verbal, visual, computer-based or in some other form, and include one or any combination of:

- job cards
- emergency procedures
- work instructions
- standard operating procedures (SOPs)
- safe work method statements (SWMS)
- formulas/recipes
- batch sheets
- temporary instructions
- any similar instructions provided for the smooth running of the plant.

Problems/known solutions Routine problems must be resolved by applying known solutions.

Routine problems/known solutions are predictable and include one or more of:

- determination of surface quality within specification
- colour, shape, structure and surface finish faults
- repairing or scrapping of damaged parts.

Known solutions are drawn from one or more of:

- procedures
- training
- remembered experience.

Non-routine problems must be reported according to according to relevant procedures.

Unit Mapping Information

Release 1. Supersedes and is equivalent to PMC552023C Finish products after firing

Links

MSA Training Package Implementation Guides - <http://mskills.org.au/training-packages/info/>