



Australian Government

PMBFIN202 Fit attachments to products

Release: 1

PMBFIN202 Fit attachments to products

Modification History

Release 1. Supersedes and is equivalent to PMBFIN202C Fit attachments to products

Application

This unit of competency covers the skills and knowledge required to fit and test product attachments.

This unit of competency applies to operators who are required to select the attachment and equipment to use, plan the sequence of tasks, inspect and test the completed work, and recognise routine and non-routine problems and take appropriate action.

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.

This unit of competency applies to all sectors of the industry.

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

Pre-requisite Unit

Nil

Competency Field

Finishing

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	Establish requirements for the finishing	1.1	Interpret product specifications
		1.2	Identify availability of attachments, required materials

process		and tools
2	Plan fitting process	1.3 Identify final use and any special characteristics of the product to be assembled in relation to the impact of the assembly process on product quality
		2.1 Identify hazards connected with materials and process from observation of equipment and workplace reference materials
		2.2 Identify appropriate measures to minimise risks from the identified hazards
		2.3 Locate manufacturer's information and safety advice on products and use to plan work
		2.4 Plan attachment process to conform to quality specifications, minimise time and economically use materials
		2.5 Plan task sequences
3	Undertake finishing	2.6 Assemble required materials, tools and facilities and check for suitability of purpose
		3.1 Follow work plan ensuring compliance with procedures
		3.2 Test attachments and product for conformity with quality requirements when required
		3.3 Inspect finished product and compare to specifications for suitability for further processing or for customer delivery
		3.4 Assemble finished products and sort in accordance with procedures
		3.5 Follow waste and recycling procedures
		3.6 Clean up work area and perform housekeeping

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| 4 | Identify and rectify routine product imperfections | 4.1 | Identify the range of routine imperfections that can occur during the process |
| | | 4.2 | Determine and rectify routine product imperfections in accordance with procedures |
| | | 4.3 | Make sure appropriate records and log books are maintained to meet procedures |
| | | 4.4 | Identify non-routine product imperfections and report to designated person |

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, manual handling 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:

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.

Tools and equipment Tools and equipment include one or more of:

- hand tools
- powered equipment, such as drills, drivers, plastic welding equipment as

appropriate.

Additional tools and equipment will be selected as required from:

- transfers, bolts, nuts, inserts, seals, screens and reinforcement
- jigs and gantries
- hoists/lifting equipment not requiring any special permits or licences
- manual handling aids, such as hand carts and trolleys
- relevant personal protective equipment (PPE).

Routine problems

Routine problems must be resolved by applying known solutions.

Routine problems are predictable and include one or more of:

- movement of jigs or fixtures
- power failures
- non-supply of materials
- variations in materials
- temperature of product to be finished
- movement of inserts, reinforcements or fittings.

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.

Hazards

Hazards must be identified and controlled. Identifying hazards requires consideration of:

- heat, smoke, dust, vapours or other atmospheric hazards
- hazardous products and materials
- sharp edges, protrusions or obstructions
- slippery surfaces, spills or leaks
- electricity
- gas
- gases and liquids under pressure
- structural hazards

- equipment failures
- rotational equipment or vibration
- machinery, equipment and product mass
- limited head spaces or overhangs
- working at heights
- working in restricted or confined spaces
- other hazards that might arise.

Unit Mapping Information

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Links

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