# Assessment Mapping (for streamlined units from new Training Packages)

*This document is used to demonstrate content validity of the assessment tool*

Table 1 Main details

| Details | Unique description |
| --- | --- |
| **Unit Code, name and release number** | MSFFF2004 - Prepare surfaces for finishing (1) |
| **Skills Team** |  |
| **Region/Campus** |  |
| **Skills Point (owned by)** | Innovative Manufacturing, Robotics and Science |

* *Event columns can be added or deleted as required*
* *Rows for elements and performance criteria, etc. can be added or deleted as required*
* *Each component of the unit must be mapped to at least* ***one assessment criteria*** *or* ***question*** *in one or more assessment events*
* *Do NOT delete the section labelled Foundation Skills. If the Foundation skills ARE EXPLICIT in the performance criteria, they do not need to be listed. However, if the Foundation skills ARE NOT incorporated in the performance criteria they must be listed and mapped.*
* *Dimensions of Competency must be considered when selecting assessment types to ensure that the range of tasks you have chosen cover the following:*
  + *Task Skills*
  + *Task Management Skills*
  + *Contingency Planning Skills*
  + *Job Role Environment Skills*

## Unit component mapping to assessment event/s

Table 2 Unit component mapping to assessment event/s

| Element number | Element name | Performance criteria number | Performance criteria description | Learning resources | Event 1 - Knowledge Assessment | Event 2 - Skills  Assessment[[1]](#footnote-1) |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | Prepare for surface preparation | 1.1 | Characteristics of the surface and the required surface coating materials are identified |  | Part 3 Q1, 2, 3, 4, 9 | Observation 1.2 |
|  |  | 1.2 | Work health and safety (WHS) requirements, including personal protection needs, are observed throughout the work |  | Part 1 Q1 | Observation 4.1 |
|  |  | 1.3 | Tools and equipment required, and related engineering controls are identified and set up |  | Part 1 Q2, 3 | Observation 1.2, 1.3, 2.7 |
|  |  | 1.4 | Sources of contamination in work area are identified and excluded |  | Part 2 Q1  Part 3 Q5 | Observation 2.7 |
|  |  | 1.5 | Workplace procedures for surface preparation are identified and followed according to the surface and surface coating materials being used |  | Part 1 Q4  Part 2 Q2  Part 3 Q6 | Observation 1.2, 2.7 |
| 2 | Prepare surfaces | 2.1 | Surfaces are prepared according to workplace procedures and specification |  | Part 1 Q5, 6 | Observation 2.7 |
|  |  | 2.2 | Surface preparation is checked for conformity with workplace specifications throughout the process |  | Part 2 Q4 | Observation 2.7 |
|  |  | 2.3 | Rectification of surface preparation faults are made as required |  | Part 1 Q7  Part 2 Q5  Part 3 Q7 | Observation 2.7 |
|  |  | 2.4 | Products are inspected and approved for suitability for further processing |  | Part 1 Q8  Part 2 Q6 | Observation 2.7 |
|  |  | 2.5 | Defects are rectified and/or reported in accordance with workplace procedures |  | Part 1 Q11  Part 3 Q6, 7 | Observation 2.7 |
| 3 | Clean work area and maintain equipment | 3.1 | Prepared products are packed, stored and labelled ready for next process |  | Part 2 Q8  Part 3 Q13 | Observation 3.1 |
|  |  | 3.2 | Equipment used is cleaned and inspected for serviceable condition and stored appropriately |  |  | Observation 3.1 |
|  |  | 3.3 | Unserviceable equipment is tagged, faults are identified and appropriate personnel are informed |  |  | Observation 3.1 |
|  |  | 3.4 | Chemicals used are stored or disposed of correctly according to regulations |  |  | Observation 3.1 |
|  |  | 3.5 | Work area is cleaned ready for next process or task |  |  | Observation 3.1 |

## Foundation skills NOT explicit in the performance criteria

Not applicable because foundation skills essential to performance are explicit in the performance criteria of this unit of competency

## Performance evidence

Table 3 Performance evidence

| Performance evidence | Description | Learning resources | Event 1 - Knowledge Assessment | Event 2 - Skills  Assessment[[2]](#footnote-2) |
| --- | --- | --- | --- | --- |
| PE1 | Interpret work order and locate and apply relevant information |  |  | Observation 1.1, 1.2 |
| PE2 | Apply safe handling requirements for equipment, products and materials, including use of personal protective equipment |  | Part 1 Q1, 2 | Observation 4.1 |
| PE3 | Identify materials used in the work process |  |  | Observation 1.2 |
| PE4 | Follow work instructions, operating procedures and inspection processes to: |  |  | Observation 2.7, 4.1 |
| PE4.1 | * minimise the risk of injury to self or others |  |  | Observation 4.1 |
| PE4.2 | * prevent damage to goods, equipment and products |  |  | Observation 2.7 |
| PE4.3 | * maintain required production output and product quality |  |  | Observation 2.7 |
| PE5 | Prepare furniture surfaces on a minimum of four (4) occasions, including a: |  |  | Observation 2.1 |
| PE5.1 | * horizontal surface |  |  | Observation 2.2 |
| PE5.2 | * vertical surface |  |  | Observation 2.3 |
| PE5.3 | * internal surface |  |  | Observation 2.4 |
| PE5.4 | * curved surface (moulding) |  |  | Observation 2.5 |
| PE5.5 | * surfaces are to include: |  |  |  |
|  | solid hardwood |  |  | Observation 2.3, 2.4 |
|  | solid softwood |  |  | Observation 2.5 |
|  | veneered board |  |  | Observation 2.2 |
|  | metal |  |  | Observation 2.6 |
| PE6 | Use mathematical ideas and techniques to correctly complete measurements, calculate area and estimate material requirements |  |  | Task 2 Q1.1  Observation 1.4 |
| PE7 | Communicate ideas and information to enable confirmation of work requirements and specifications and the reporting of work outcomes and problems, interpret basic plans and follow safety procedures |  |  | Observation 1.1, 1.3 |
| PE8 | Minimise wastage of resources including materials, time and money |  |  | Observation 2.7 |
| PE9 | Work with others and in a team by recognising dependencies and using cooperative approaches to optimise work flow and productivity |  |  | Observation 1.2 |

## Knowledge evidence

Table 4 Knowledge evidence

| Knowledge evidence | Description | Learning resources | Event 1 - Knowledge Assessment | Event 2 - Skills  Assessment[[3]](#footnote-3) |
| --- | --- | --- | --- | --- |
| KE1 | Types, properties and characteristics of coatings |  | Part 2 Q7  Part 3 Q9 |  |
| KE2 | Surface preparation techniques and equipment/materials |  | Part 1 Q3, 5, 6, 7, 9  Part 2 Q3, 9  Part 3 Q6, 7, 8, 10, 16, 17, 18, 19 |  |
| KE3 | Hazardous substances and materials used in surface preparation |  | Part 1 Q10  Part 3 Q11, 12 |  |
| KE4 | Work flow in relation to the application and removal of surface coatings |  | Part 3 Q14, 15 |  |

## Assessment conditions

Table 5 Assessment conditions

| Assessment conditions | Description |
| --- | --- |
|  | Assessors must:  AC1 hold training and assessment competencies as determined by the National Skills Standards Council (NSSC) or its successors  AC2 have vocational competency in the furnishing industry at least to the level being assessed with broad industry knowledge and experience, usually combined with a relevant industry qualification  AC3 be familiar with the current skills and knowledge used and have relevant, current experience in the furnishing industry.  AC4 Assessment methods must confirm consistency of performance over time rather than a single assessment event and in a range of workplace relevant contexts.  AC5 Assessment must be by observation of relevant tasks with questioning on underpinning knowledge and, where applicable, multimedia evidence, supervisor’s reports, projects and work samples.  AC6 Assessment is to be conducted on single units of competency or in conjunction with other related units of competency. Foundation skills are integral to competent performance in the unit and should not be assessed separately.  AC7 Assessment must occur on the job or in a workplace simulated facility with relevant process, equipment, materials, work instructions and deadlines.  AC8 Access is required to a range of surfaces to be prepared, preparation tools, equipment and consumables. |

1. **Note:** This assessment event is based on the further processing of projects that are produced during the assessment of other units of competency. These include: MSFFM2001 Hand and power tools, skill assessment 5 of 6 – Edging detail panel, MSFFM2010 Set up and operate basic static machines, skill assessment 3 of 3 – Kitchen trolley tray project and MSFFM2005 Join solid timber skill assessment 3 of 3 – Shield project. These projects will need to be retained and made available to the student for the assessment of this unit. [↑](#footnote-ref-1)
2. **Note:** This assessment event is based on the further processing of projects that are produced during the assessment of other units of competency. These include: MSFFM2001 Hand and power tools, skill assessment 5 of 6 – Edging detail panel, MSFFM2010 Set up and operate basic static machines, skill assessment 3 of 3 – Kitchen trolley tray project and MSFFM2005 Join solid timber skill assessment 3 of 3 – Shield project. These projects will need to be retained and made available to the student for the assessment of this unit. [↑](#footnote-ref-2)
3. **Note:** This assessment event is based on the further processing of projects that are produced during the assessment of other units of competency. These include: MSFFM2001 Hand and power tools, skill assessment 5 of 6 – Edging detail panel, MSFFM2010 Set up and operate basic static machines, skill assessment 3 of 3 – Kitchen trolley tray project and MSFFM2005 Join solid timber skill assessment 3 of 3 – Shield project. These projects will need to be retained and made available to the student for the assessment of this unit. [↑](#footnote-ref-3)