# Assessment Mapping (for traditional units from old 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** | MEM18001C - Use hand tools (1) |
| **Skills Team** |  |
| **Region/Campus** |  |
| **Skills Point (owned by)** | Innovative Manufacturing, Robotics and Science |

*NOTES:*

* *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 Employability Skills. If the Employability Skills ARE EXPLICIT in the performance criteria, they do not need to be listed. However, if the Employability 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 | Knowledge 1 of 3 | Skills Assessment  2 of 3 and 3 of 3 |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | Use hand tools | 1.1 | Hand tools are selected appropriate to the task requirements |  | Part 1  Q 2,3,4,5,6,7,8,  Part 3:  Q 1,2 | Sk2: Item 2,3  Sk3: Item 4 |
|  |  | 1.2 | Hand tools are used to produce desired outcomes to job specifications which may include finish, tension, size or shape |  | Part 1: Q 1,7,14 | Sk2: Item 6  Sk3 Item 5,6 |
|  |  | 1.3 | All safety requirements are adhered to before, during and after use |  | Part 3: Q 4,11,12 | Sk2: Item 1,5  Sk3: Item 3 |
|  |  | 1.4 | Unsafe or faulty tools are identified and marked for repair according to designated procedures before, during and after use |  | Part 2: Q 8  Part 3: Q 13 | Sk2: Item 1,7  SK3: Item 3 |
|  |  | 1.5 | Routine maintenance of tools, including hand sharpening is undertaken according to standard operational procedures, principles and techniques |  |  | Sk3: Item 5,6 |
|  |  | 1.6 | Hand tools are stored safely in appropriate location according to standard operational procedures and manufacturers' recommendations |  | Part 3: Q10 | Sk2: Item 8 |

## Employability skills NOT explicit in the performance criteria

Table 3 Employability skills NOT explicit in the performance criteria

| Employability skills | Description | Learning resources | Knowledge 1 of 3  Theory Assessment | Skills Assessment  2 of 3 and 3 of 3 |
| --- | --- | --- | --- | --- |
|  | This unit contains employability skills embedded in the performance criteria |  |  |  |

## Required skills

Table 4 Required skills

| Required skills | Description | Learning resources | Knowledge  1 of 3 | Skills Assessment  2 of 3 and 3 of 3 |
| --- | --- | --- | --- | --- |
|  | Look for evidence that confirms skills in: |  |  |  |
| RS1 | Reading and following information on standard operating procedures |  |  | Sk2: Item 1  Sk3: Item 2,3 |
| RS2 | Following verbal instructions |  |  | Sk3: Item 1 |
| RS3 | Selecting hand tools appropriate to the task |  |  | Sk2: Item 2,3,4,5  Sk3: Item 4 |
| RS4 | Using hand tools safely |  |  | Sk2: Item 4,5,6,7,8 |
| RS5 | Identifying hand tool defects and marking for repair |  | Kn 1:Part 3: Q 9 | Sk2: Item 1,7 |
| RS6 | Maintaining/sharpening hand tools using appropriate techniques |  | Kn 1:Part1: Q10 | Sk3: Item 5,6 |
| RS7 | Storing hand tools in accordance with manufacturers’/standard operating procedures |  | Kn 1:Part 3: Q 10 | Sk2: Item 8 |

## Required knowledge

Table 5 Required knowledge

| Required knowledge | Description | Learning resources | Knowledge  1 of 3 | Skills Assessment  2 of 3 and 3 of 3 |
| --- | --- | --- | --- | --- |
|  | Look for evidence that confirms knowledge of: |  |  |  |
| RK1 | Applications of different hand tools in a general engineering context |  | Kn 1:  Part 1: Q 2,3,4,5,6,7,8,  Part 3: Q 1,2,5,6,7,8 |  |
| RK2 | Common faults and/or defects in hand tools |  | Kn 1:Part 1: Q 9,10,12  Part 2: Q 1,2  Part 3: Q 9 |  |
| RK3 | Procedures for marking unsafe or faulty tools for repair |  | Kn 1:Part 2: Q8  Part 3: Q13 |  |
| RK4 | Routine maintenance requirements for a range of hand tools |  | Kn 1:Part 1: Q 1,11,13  Part 3: Q 3 |  |
| RK5 | Storage location and procedures for a range of hand tools |  | Kn 1: Part 3: Q 10 |  |
| RK6 | Hazards and control measures associated with using hand tools |  | Kn 1:Part 1: Q 14  Part 2: Q 3,5,7  Part 3: Q 4,11,12,13 |  |
| RK7 | Use and application of personal protective equipment |  | Kn 1:Part 1: Q 15 | Sk2: Item 1 |
| RK8 | Safe work practices and procedures |  | Kn 1:Part 1: Q 16  Part 2: Q 3,4,5  Part 3 Q 11,12,13 | Sk2: Item 1 |

## Critical aspects

Table 6 Critical aspects

| Critical aspects | Description | Learning resources | Theory Assessments | Practical Assessments |
| --- | --- | --- | --- | --- |
| CA1 | Assessors must be satisfied that the candidate can competently and consistently perform all elements of the unit as specified by the criteria, including required knowledge, and be capable of applying the competency in new and different situations and contexts. |  |  | All practical tasks |