# 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** | MSL913004 - Plan and conduct laboratory/field work (1) |
| **Skills Team** |  |
| **Region/Campus** |  |
| **SkillsPoint (owned by)** | Innovative Manufacturing, Robotics and Science |

*NOTES:*

* *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 | Knowledge Assessment  1 of 3 | Project Assessment 1  2 of 3 | Project Assessment 2  3 of 3 |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | Plan and organise daily work activities | 1.1 | Clarify allocated work activities and required resources if necessary | Topic 1 |  | Part 1 Q 1, 2  Part 2 1c |  |
| 1.2 | Prioritise work activities as directed | Topic 1 | Q 23 | Part 1 Q 3  Part 2 1d | Task C |
| 1.3 | Break down work activities into small achievable components and efficient sequences | Topic 1 | Q 21 | Part 1 Q6  Part 2 1b, 1e |  |
| 1.4 | Review work plan in response to new information, urgent requests, changed situations or instructions from appropriate personnel | Topic 1 |  | Part 2 2e | Task C  Laboratory Task Review c |
| 2 | Complete allocated work | 2.1 | Locate relevant workplace procedures for required tasks | Topic 2 |  | Part 2 1a | Project Assessment 1 |
| 2.2 | Undertake tasks following prescribed and routine work-related sequences | Topic 2 |  |  | Tasks A, B, C |
| 2.3 | Seek assistance from relevant personnel when difficulties cannot be handled | Topic 2 |  | Part 1 Q 4 | Laboratory Task Review j |
| 2.4 | Record completion of activities to confirm outputs in accordance with plan | Topic 2 |  |  | Laboratory Record sheet  Laboratory Data and Calculation sheet |
| 3 | Identify and resolve work problems | 3.1 | Recognise problems or opportunities for improved work performance | Topic 3 | Q 24 | Part 1 Q 5, 6 | Laboratory Task Review a |
| 3.2 | Apply agreed problem-solving strategies to consider possible causes and solutions | Topic 3 |  | Part 2 2g | Laboratory Task Review b |
| 3.3 | Identify and access appropriate sources of help | Topic 3 |  |  | Laboratory Task Review j |
| 3.4 | Consider available alternatives and keep them open before deciding on the most appropriate action | Topic 3 | Q 27 | Part 2 2g |  |
| 4 | Work in a team environment | 4.1 | Cooperate with team members to negotiate and achieve agreed outcomes, timelines and priorities | Topic 4 | Q 21, Q 25, Q 29 | Part 2 2a-g | Laboratory Task Review d, e |
| 4.2 | Recognise personal abilities and limitations when undertaking team tasks | Topic 4 | Q 22, Q 25 | Part 2 3a |  |
| 4.3 | Confirm personal role and responsibility within the team for particular outputs | Topic 4 | Q 28 | Part 2 2b, 2c |  |
| 4.4 | Demonstrate sensitivity to the diversity of other team members' backgrounds and beliefs | Topic 4 | Q 18 | Part 2 2d |  |
| 5 | Update knowledge and skills as required | 5.1 | Recognise own strengths and weaknesses | Topic 5 | Q 15, Q 30 | Part 1 8  Part 2 3a | Laboratory Task Review g, h |
| 5.2 | Take advantage of skill development opportunities | Topic 5 | Q 8 | Part 2 3b |  |

## Foundation skills NOT explicit in the performance criteria

Table 3 Foundation skills NOT explicit in the performance criteria

| Foundation skills | Description | Learning resources | Knowledge Assessment  1 of 3 | Project Assessment 1  2 of 3 | Project Assessment 2  3 of 3 |
| --- | --- | --- | --- | --- | --- |
| Foundation skills are explicit in the performance criteria | | | | | |

## Performance evidence

Table 4 Performance evidence

| Performance evidence | Description | Learning resources | Knowledge Assessment  1 of 3 | Project Assessment 1  2 of 3 | Project Assessment 2  3 of 3 |
| --- | --- | --- | --- | --- | --- |
|  | There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and: |  |  |  |  |
| PE1 | Effectively planned, prioritised and completed 2 laboratory/field work tasks on 2 separate occasions, including: |  |  |  |  |
| PE1.1 | * working independently | All topics |  | Part 1 | Task A, B |
| PE1.2 | * working in a team context. | All topics |  | Part 1 Q8  Part 2 2 c | Task C |

## Knowledge evidence

Table 5 Knowledge evidence

| Knowledge evidence | Description | Learning resources | Knowledge Assessment  1 of 3 | Project Assessment 1  2 of 3 | Project Assessment 2  3 of 3 |
| --- | --- | --- | --- | --- | --- |
|  | There must be evidence the candidate has knowledge of: |  |  |  |  |
| KE1 | Workplace procedures/guidelines for work | Topic 1, 2 | Q 1, Q 2, Q 4, Q 6 | Part 1 Q 1 | Task A, B, C |
| KE2 | Ethical and professional work performance | Topic 4 | Q 1, Q 5,  Q 16, Q 17 |  |  |
| KE3 | Problem-solving strategies | Topic 3, 4 | Q 9, Q 19, | Part 1 Q5, 6 | Laboratory Task Review b |
| KE4 | Effective interpersonal communication and conflict resolution techniques | Topic 3, 4 | Q 12, Q 13 |  | Laboratory Task Review d |
| KE5 | Effective team operations for groups | Topic 3 | Q 18, Q 26 | Part 1 Q7 | Laboratory Task Review e |
| KE6 | Strategies to maintain work flow | Topic 3 | Q 10, Q 14,  Q 20 |  | Laboratory Task Review a |
| KE7 | Awareness of environmental sustainability issues as they relate to the work task | Topic 1 | Q 4, Q 7,  Q 11 |  |  |
| KE8 | Legal, ethical and work health and safety (WHS) requirements specific to the work task. | Topic 1, 2, 4 | Q 1, Q 2, Q 3, Q 6, Q 8 |  |  |

## Assessment conditions

Table 6 Assessment conditions

| Assessment conditions | Description |
| --- | --- |
|  | Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:   * use of suitable facilities, equipment and resources, including:   + workplace procedures   + equipment and materials for relevant technical tasks.   Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors. |