

**MEM05 Metal and Engineering
Training Package v4**

**MEM40105
Certificate IV in
Engineering
RPL / Credit Forms**

Student Name:

Student No:

Recognition Application

Version 1.0

**TRAINING AND EDUCATION SUPPORT
INDUSTRY SKILLS UNIT
MEADOWBANK**



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Section 1: Recognition/Credit Guides

Cluster 1: Core Units

MEM12023A Perform engineering measurements

Unit description: This unit covers performing measurement skills requiring straightforward use of mechanical measuring devices and associated calculations.

Critical aspects of assessment Refer also to elements, performance criteria and essential skills and knowledge	Suggested supporting evidence	Assessor's validation of evidence	Outcomes
1. Select appropriate device or equipment. 2. Obtain measurements using a range of measuring devices. 3. Maintain measuring devices. 4. Communicate measurements as required.	Assessment tools Performance appraisals Position description Referral evidence Reports Sample of work/project Screening tools Supervisor's report Third party reports Training transcripts Training transcripts Workplace evidence	<input type="checkbox"/> Interviewing <input type="checkbox"/> Questioning <input type="checkbox"/> Reports <input type="checkbox"/> Supervision reports <input type="checkbox"/> Skill demonstration <input type="checkbox"/> Third party reports <input type="checkbox"/> Work based project <input type="checkbox"/> Workplace documents <input type="checkbox"/> Other (please specify)	<input type="checkbox"/> Competent <input type="checkbox"/> Skills gap training required <input type="checkbox"/> Further information required Assessor's name: Assessor's initials: _____ Date: _____

MEM12024A**Perform computations**

Unit description: This unit covers estimating approximate answers to arithmetical problems, carrying out basic calculations involving percentages and proportions, and determining simple ratios and averages. The unit includes producing and interpreting simple charts and graphs.

Critical aspects of assessment Refer also to elements, performance criteria and essential skills and knowledge	Suggested supporting evidence	Assessor's validation of evidence	Outcomes
1. Determine work requirement 2. Perform calculations 3. Produce charts and graphs from given information	Assessment tools Performance appraisals Position description Referral evidence Reports Sample of work/project Screening tools Supervisor's report Third party reports Training programs Training transcripts Workplace evidence	<input type="checkbox"/> Interviewing <input type="checkbox"/> Questioning <input type="checkbox"/> Reports <input type="checkbox"/> Supervision reports <input type="checkbox"/> Skill demonstration <input type="checkbox"/> Third party reports <input type="checkbox"/> Work based project <input type="checkbox"/> Workplace documents <input type="checkbox"/> Other (please specify)	<input type="checkbox"/> Competent <input type="checkbox"/> Skills gap training required <input type="checkbox"/> Further information required Assessor's name: Assessor's initials: _____ Date: _____

MEM13014A Apply principles of occupational health and safety in the work environment

Unit description: This unit covers following occupational health and safety procedures in an engineering or similar work environment.

Critical aspects of assessment Refer also to elements, performance criteria and essential skills and knowledge	Suggested supporting evidence	Assessor's validation of evidence	Outcomes
1. Follow safe work practices. 2. Report workplace hazards and accidents 3. Follow emergency procedures	Assessment tools Performance appraisals Position description Referral evidence Reports Sample of work/project Screening tools Supervisor's report Third party reports Training programs Training transcripts Workplace evidence	<input type="checkbox"/> Interviewing <input type="checkbox"/> Questioning <input type="checkbox"/> Reports <input type="checkbox"/> Supervision reports <input type="checkbox"/> Skill demonstration <input type="checkbox"/> Third party reports <input type="checkbox"/> Work based project <input type="checkbox"/> Workplace documents <input type="checkbox"/> Other (please specify)	<input type="checkbox"/> Competent <input type="checkbox"/> Skills gap training required <input type="checkbox"/> Further information required Assessor's name: Assessor's initials: _____ Date: _____

MEM14004A Plan to undertake a routine task

Unit description: This unit covers a person planning their own work where tasks involve one or more steps or functions and are carried out routinely on a regular basis. It includes the concepts of following routine instructions, specifications and requirements.

Critical aspects of assessment Refer also to elements, performance criteria and essential skills and knowledge	Suggested supporting evidence	Assessor's validation of evidence	Outcomes
1. Identify task requirements. 2. Plan steps required to complete task. 3. Review plan	Assessment tools Performance appraisals Position description Referral evidence Reports Sample of work/project Screening tools Supervisor's report Third party reports Training programs Training transcripts Workplace evidence	<input type="checkbox"/> Interviewing <input type="checkbox"/> Questioning <input type="checkbox"/> Reports <input type="checkbox"/> Supervision reports <input type="checkbox"/> Skill demonstration <input type="checkbox"/> Third party reports <input type="checkbox"/> Work based project <input type="checkbox"/> Workplace documents <input type="checkbox"/> Other (please specify)	<input type="checkbox"/> Competent <input type="checkbox"/> Skills gap training required <input type="checkbox"/> Further information required Assessor's name: Assessor's initials: _____ Date: _____

MEM14005A Plan a complete activity

Unit description: This unit covers planning activities which, whilst following established procedures, may require a response and modification of procedures or choice of different procedures to deal with unforeseen developments.

Critical aspects of assessment Refer also to elements, performance criteria and essential skills and knowledge	Suggested supporting evidence	Assessor's validation of evidence	Outcomes
1. Identify activity requirements 2. Plan process to complete activity 3. Modify plan	Assessment tools Performance appraisals Position description Referral evidence Reports Sample of work/project Screening tools Supervisor's report Third party reports Training programs Training transcripts Workplace evidence	<input type="checkbox"/> Interviewing <input type="checkbox"/> Questioning <input type="checkbox"/> Reports <input type="checkbox"/> Supervision reports <input type="checkbox"/> Skill demonstration <input type="checkbox"/> Third party reports <input type="checkbox"/> Work based project <input type="checkbox"/> Workplace documents <input type="checkbox"/> Other (please specify)	<input type="checkbox"/> Competent <input type="checkbox"/> Skills gap training required <input type="checkbox"/> Further information required Assessor's name: Assessor's initials: _____ Date: _____