# Unit Assessment Guide

## Criteria

### Qualification/Course code, name and release number

MEM30305 - Certificate III in Engineering - Fabrication Trade (4)

### Unit code, name and release number

MEM05005B - Carry out mechanical cutting (1)

## Unit details

Table 1 Unit details

| Section | Description |
| --- | --- |
| **Unit description** | This unit covers setting up and operating a range of mechanical cutting and holing equipment.  This unit applies to sawing, shearing, cropping and/or holing and includes setting up and operating a range of equipment. Examples of machines that could be covered include guillotines, croppers, cold saws, band saws, automatic saws etc. Typical applications of this unit may include cutting for manufacture, production cutting and cutting of materials selected from stores in a maintenance environment.  This unit does not cover hand or hand held power tools used for cutting e.g. circular saws, nibblers and side grinder. These skills are covered by Unit MEM18001C (Use hand tools) and Unit MEM18002B (Use power tools/hand held operations).  This unit does not include the skills required for operational maintenance of the equipment used; these skills are covered by Unit MEM07001B (Perform operational maintenance of machines/equipment).  For repair and welding of band saw blades where blade repair unit is not attached to the machine, refer to Unit MEM05013C (Perform manual production welding). |
| **Pre-requisites** | MEM12023A Perform engineering measurements  MEM18001C Use hand tools |
| **Learning outcomes** | In this unit, you will gain the knowledge and skills to:   1. Determine job requirements 2. Select/set up machine tooling 3. Operate mechanical cutting machine 4. Check material for conformance to specification   <https://training.gov.au/Training/Details/MEM05005B> |
| **Assessments** | The assessments in this unit, are a combination of written and skill based assessments. The types of assessments you will be completing are:   * 1 x Knowledge assessment * 2 x Skills assessments |
| **Learning materials** | The learning materials for this unit include:   * Learning guides * Activities |
| **Assessment Information** | You must submit assessment work and attend scheduled assessments on the required dates.  For further information, refer to Every Students Guide to Assessment in TAFE NSW. |
| **Achieving a satisfactory result** | Your assessor will assess your competence against the requirements of the unit and the completion of the assessments listed in this Unit Assessment Guide. |
| **Reporting assessment outcomes** | Your Transcript of Academic Record will list all results of your study to date. If you have achieved competency in a unit but are unable to finish the Qualification or Course, you will receive a Record of Results showing only the units you have completed.  You can access a report of your final results by logging into the [Student Portal](https://my.tafensw.edu.au/). |
| **Recognition** | **Credit Transfer (CT) –** you can apply for credit if you have previously completed this unit at TAFE NSW or another Registered Training Organisation (RTO).  **Recognition of Prior Learning (RPL) –** you can apply to have your previous study, work and or life experiences recognised.  Please see the [TAFE NSW website](https://www.tafensw.edu.au/enrol/recognition-credit-transfers) for further information about Recognition or discuss this with your Assessor. |
| **Assessment feedback, review or appeals** | Your Assessor will provide feedback no later than 10 days after all assessment activities have been conducted and you will be requested to acknowledge the outcome.  If you would like to request a review of your results or if you have any concerns about your results, contact your Assessor or Head Teacher.  You have three weeks from the date you receive your results in which to make an appeal and request a review.  You will receive a response within ten days of the receipt of the request.  Your Head Teacher will address the appeal in accordance with Every Students Guide to Assessment or TAFE NSW Student Guide. |
| **Reasonable adjustment** | If you have a permanent or temporary condition that may prevent you from successfully completing the assessment event(s) in the way described, you should talk to your assessor about ‘reasonable adjustment’. This is the adjustment of the way you are assessed to take into account your condition, this must be approved BEFORE you attempt the assessment. |
| **Educational Support Services** | Please refer to the [TAFE NSW website](https://www.tafensw.edu.au/student-services) for specific information on the educational support services that are available to you.  You may also contact your Head Teacher or Trainer/Assessor for further information. |
| **Student Declaration** | Your Trainer/Assessor will provide you with the Student Declaration document for you to sign to ensure that you have received and understood your assessment requirements as per this Assessment Unit Guide.  You may receive this in hardcopy or you will be required to acknowledge your understanding online. |

## Assessment events and schedule

Table 2 Assessment events and schedule

| Event Number/Name | Method of collecting evidence | Venue | Assessment date or submission due date |
| --- | --- | --- | --- |
| Knowledge assessment 1 of 3 | Theory |  |  |
| Skills assessment  2 of 3 | Practical: Sheetmetal face plate |  |  |
| Skills assessment  3 of 3 | Practical: Angle bracket |  |  |

## Contact details

Table 3 Contact details

| Position | Name | Contact phone | Email | Region / Campus |
| --- | --- | --- | --- | --- |
| **Trainer/Assessor** |  |  |  |  |
| **Head Teacher** |  |  |  |  |
| **Education Administration Support** |  |  |  |  |