

# RIISAM205E

## Cut, Weld and Bend Materials

### Final Practical Test – Assessor Only

## Final Practical Test – Assessor Only Instructions

### Who is this document for?

The assessor.

1 copy is needed for each learner being assessed.

### What is in this document?

- Instructions on how to run the practical assessment.
- Guidelines for determining competency.
- A pre-assessment checklist.
- The practical assessment tasks that need to be completed.
- Content from the unit of competency being assessed in each task.
- An Assessment Summary.
- Any relevant documents, forms or checklists for the learner to use during the assessment (if required).

### What do you need to do before you use it for the first time?

1. Rebrand the document.
2. Review the assessment as part of your validation process.
3. Set the reading and test time limits that are highlighted in pink.

**See the 'Read Me First' document for a complete set of instructions on how to use these resources.**

# Assessment Instructions for Assessors

This assessment has been developed for assessing a cohort of learners for the unit Cut, Weld and Bend Materials in the Resources and Infrastructure industry, under direct supervision, either in an actual or simulated work environment.

The assessments cover the requirements of the unit of competency RIISAM205E Cut, Weld and Bend Materials.

The assessment for this unit has been divided into two parts:

1. Theory Assessment (*see Final Theory Test*)
2. Practical Assessment (*This document*).

A person who is appropriately qualified and experienced, in line with the requirements of the unit, must administer the assessment.

Evidence other than that collected through the use of this assessment tool may be considered provided that it is in line with the rules of evidence, the training package requirements, and the training organisation's policies and procedures. Any evidence, including evidence gathered through the use of this assessment tool, must follow the rules of evidence in order to be considered as contributing to a learner's demonstration of competency.

## Conducting the Practical Assessment

**You will need a copy of this document for each learner to be assessed.**

The purpose of this assessment is to gather evidence relating to a unit of competency to determine whether or not the learner has demonstrated the skills and knowledge required by the unit to be considered competent.

All practical assessments must be undertaken in the workplace or under realistic workplace conditions, which include:

- The use of full-scale equipment.
- Timely and consistent completion of assessments reflective of outcomes expected in the workplace.
- Completing assessments regardless of weather conditions and responding appropriately to the environment.
- Acting in accordance with site and safety procedures, requirements, and regulations.

**Details specific to each assessment are recorded in the Assessment Plan document. Please refer to this plan in preparation for any assessments.**

1. You must direct each learner to the practical assessment section at the back of the Learner Guide which outlines the practical assessments to be completed, before the assessment begins.
2. You need to brief learners on the assessment tasks contained in the practical assessment. Answer any questions that they may have.
3. You must supervise learners at all times during the assessment. Each learner must be observed to satisfactorily complete each task, even in situations where the work is completed by a team.
4. Learners may not use any references, books, or course notes during assessments, unless these resources are common to completing the task when performed in the workplace.
5. All assessments must be satisfactorily completed. If a learner does not satisfactorily complete an assessment, a result of 'Not yet competent' will be recorded.
6. Learners should be able to complete the test in **199 minutes**. The time stated is a guide only. If a learner cannot complete the assessment in the stated time, this needs to be considered when assessing overall competency.
7. You may ask questions during the practical assessment to ascertain the knowledge of learners and reasoning for specific action required by the task. Learners may also be required by the task to explain what they are doing. You must record these comments and any other observations in the Notes & Observations section of the practical assessment.

## Assessment Safety Considerations

You must make sure all required Personal Protective Equipment (PPE) is available, and that all learners are correctly fitted with PPE before the practical assessment begins.

You should ensure that any faulty or defective equipment intended for the purpose of hazard identification or equipment checks are secured away from serviceable equipment to prevent an unsafe situation occurring during the test.

## Grounds for stopping the Assessment

If, at any time during the practical test, any learner acts in a manner that endangers themselves, others, equipment or property, the assessment must be stopped immediately. You are required to identify the dangerous act to the learner and re-schedule the test for a later time.

## Determining Satisfactory Completion

In order for a learner to achieve a satisfactory outcome for the practical assessment, they will need to:

- ✓ Complete all tasks and assessments in their entirety
- ✓ Complete all tasks and assessments satisfactorily, in a timely manner, representative of real world conditions, expectations and outcomes.
- ✓ Where a task benchmark is marked no (N) please make appropriate notes in the section provided.
- ✓ Complete all tasks and assessments safely, using the correct techniques and methods and ensuring own safety and the safety of others at all times.
- ✓ Working with others, where necessary, to safely, effectively and efficiently achieve all outcomes of the assessments.

## Completing the Assessment Summary and Determining Competency

An Assessment Summary is included at the end of this document and must be completed at the conclusion of both the theory and practical parts of the Final Test (summative assessment).

If the learner does not complete or achieve a satisfactory outcome in any assessment you should consider the learner as "not yet competent".

Copies of all evidence gathered during training and assessment should be attached to the assessment summary for record keeping purposes.

A copy of the assessment summary results and sign-off should be provided to the learner at the conclusion of the course.

# RIISAM205E Cut, Weld and Bend Materials Practical Assessment

<b>Learner Name:</b>	
<b>Assessor Name:</b>	
<b>Date of Assessment:</b>	
<b>Location of Assessment:</b>	

### Pre-Assessment Checklist:

- Assessment plan reviewed and validated.
- All resources required to conduct assessment are available
- Site and weather conditions are appropriate and suitable for assessment
- Learner is wearing appropriate clothing to participate safely in the assessment.
- Learner has completed adequate training prior to attempting this assessment.
- Assessor qualifications are current and relevant to the assessment.

Notes/Comments:

## Assessment 1 - Cut Material Using Oxyacetylene (Occasion 1)

### Assessment Checklist:

The learner is required to implement the correct techniques to cut material using oxyacetylene, using all equipment in accordance with manufacturer specifications. The learner must locate and apply relevant workplace policies, procedures and documentation, and work effectively with others to complete the following tasks:

**a) Receive task instructions and confirm details of the work.**

Did the learner correctly confirm details of the work with relevant personnel? Y N

Was the learner able to correctly interpret and explain the job requirements? Y N

**i) Coordinate work activities with relevant personnel.**

Did the learner successfully communicate job activities with relevant personnel? Y N

Did the learner successfully coordinate work activities with relevant personnel? Y N

Did the learner use clear and accurate terminology when communicating with team members? Y N

**b) Locate and interpret all workplace policies, procedures and documentation relevant to the task, including those related to:**

**i) Signage and barrier requirements.**

Did the learner successfully confirm the barricades and signage requirements detailed in policies and procedures? Y N

Was the learner able to correctly explain how this information would impact the planning of their task? Y N

**ii) Emergency procedures.**

Did the learner correctly identify and confirm the emergency procedures? Y N

Was the learner able to interpret and clearly explain what they need to do in an emergency? Y N

**c) Identify potential risks, hazards, and environmental issues, and implement appropriate control measures, including:**

Did the learner correctly identify all potential risks, hazards and environmental issues? Y N

Did the learner correctly implement the appropriate control measures? Y N

**i) Selecting and wearing appropriate personal protective equipment for the task.**

Did the learner select the correct PPE for the task in accordance with workplace policies, procedures and safety requirements? Y N

Did the learner correctly don the PPE in accordance with workplace policies, procedures and safety requirements? Y N

**ii) Setting up the required signage and barricades.**

Did the learner correctly set up the required signage and barriers? Y N

**iii) Selecting the appropriate fire extinguisher and placing it in an accessible position relevant to the work location.**

Did the learner correctly select the appropriate fire extinguisher for the task? Y N

Did the learner correctly place the fire extinguisher in an accessible position? Y N

**d) Select and inspect required plant, tools and equipment, and rectify or report any faults.**

Did the learner correctly select the required plant, tools and equipment? Y N

Did the learner correctly inspect the required plant, tools and equipment? Y N

Did the learner correctly rectify any faults found with the plant, tools and equipment? Y N

Did the learner correctly report any faults found with the plant, tools and equipment? Y N

**e) Measure, mark and secure material in appropriate position for cutting.**

Did the learner correctly measure and mark the material for cutting according to workplace procedures? Y N

Did the learner correctly secure the material in an appropriate position for cutting according to workplace procedures? Y N

## Assessment 1 - Cut Material Using Oxyacetylene (Occasion 1)

<b>f) Set up and test oxyacetylene equipment, by:</b>		
<b>i) Attaching regulators to Oxy and Acetylene bottles.</b>		
Did the learner correctly attach regulators to Oxy and Acetylene bottles according to the manufacturer specifications?	Y	N
<b>ii) Testing for leaks and tightening attachments where required or reporting faults to relevant personnel.</b>		
Did the learner correctly test for leaks and tighten attachments where required according to the workplace procedures?	Y	N
Did the learner correctly report faults to the relevant personnel according to the workplace procedures?	Y	N
<b>iii) Purging the oxy and acetylene lines to ensure torch is safe and ready to light.</b>		
Did the learner correctly purge the oxy and acetylene lines according to the manufacturer specification?	Y	N
<b>iv) Adjusting regulators until correct pressure for cutting is reached.</b>		
Did the learner adjust the regulators to ensure correct pressure for cutting was reached?	Y	N
<b>g) Complete dry test runs along cut line to check positioning of cutting guide and torch.</b>		
Did the learner successfully complete dry test runs along the cut line to confirm the positioning of the cutting guide and torch?	Y	N
<b>h) Cut material, by:</b>		
<b>i) Safely lighting the torch.</b>		
Did the learner correctly light the torch according to manufacturer specifications?	Y	N
<b>ii) Adjusting torch settings until cutting flame is achieved.</b>		
Did the learner correctly adjust the torch settings according to the workplace procedures?	Y	N
<b>iii) Ensuring torch is positioned appropriately to cut a clean line along marking.</b>		
Did the learner correctly position the torch in order to cut a clean line along the marking?	Y	N
<b>iv) Cutting material, applying appropriate speed and techniques to ensure a clean cut.</b>		
Did the learner correctly cut the material applying appropriate speed and technique to ensure a clean cut?	Y	N
<b>i) Shut off torch.</b>		
Did the learner correctly shut off the torch according to manufacturer specifications?	Y	N
<b>j) Shut off gas supply.</b>		
Did the learner correctly shut off the gas supply according to manufacturer specifications?	Y	N
<b>k) Inspect cut material, and:</b>		
Did the learner correctly inspect the cut material?	Y	N
<b>i) Confirm cut material meets task specifications.</b>		
Did the learner successfully confirm the cut material meets the task specifications?	Y	N
<b>ii) Identify and repair defects.</b>		
Did the learner correctly identify and repair any defects in the cut material?	Y	N

**Assessment 1 - Cut Material Using Oxyacetylene (Occasion 1)**

**Notes and Observations:**

**Completion of Assessment**

**Not Satisfactory**

**Satisfactory**

