

Instruction Sheet for the Candidate

Qualification	Agricultural Machinery Mechanic (Level 5)
Competency Standard	Perform Oxy Acetylene Welding
Purpose of Assessment	Formative Assessment
Candidate Details	Name_____
	Registration/Roll Number_____
Guidance for Candidate	<p>To meet this standard, you are required to complete the following within 01 Hrs. time frame (for practical demonstration & assessment):</p> <ul style="list-style-type: none"> • Making Tee Joint • Making Butt Joint
Time: 01 Hrs.	During a practical assessment, under observation by an assessor, you are required to
Minimum Evidence Required	<p>Making Tee Joint</p> <ol style="list-style-type: none"> 1. Take Work piece as per drawing 2. Straiten it with the help of hammer and anvil 3. Grind the work pieces on grinding machine to prepare the edges flat and parallel to each other 4. Place the Bottom piece on work table and place the Top plate at 90° to each other as per drawing 5. Set the flame of welding torch as per standard 6. Complete the bead as per standard <p>Making Butt Joint</p> <ol style="list-style-type: none"> 1. Take Work piece as per drawing 2. Straiten it with the help of hammer and anvil 3. Grind the work pieces on grinding machine to prepare the edges flat and parallel to each other 4. Place the work pieces parallel to each other 5. Set the flame of welding torch as per standard 6. Complete the bead as per standard

Self-Assessment Checklist

Candidate Name	
Registration No.	
Qualification	Agricultural Machinery Mechanic (Level 5)
Competency Standard	Perform Oxy Acetylene Welding
Purpose of Assessment	Formative Assessment
Assessment Task	<ul style="list-style-type: none"> Making Tee Joint Making Butt Joint

I can.....

Performance Criteria	Yes	No
1. Take Work piece as per drawing	<input type="checkbox"/>	<input type="checkbox"/>
2. Straiten it with the help of hammer and anvil	<input type="checkbox"/>	<input type="checkbox"/>
3. Grind the work pieces on grinding machine to prepare the edges flat and parallel to each other	<input type="checkbox"/>	<input type="checkbox"/>
4. Place the Bottom piece on work table and place the Top plate at 900 to each other as per drawing	<input type="checkbox"/>	<input type="checkbox"/>
5. Set the flame of welding torch as per standard	<input type="checkbox"/>	<input type="checkbox"/>
6. Complete the bead as per standard	<input type="checkbox"/>	<input type="checkbox"/>
7. Take Work piece as per drawing	<input type="checkbox"/>	<input type="checkbox"/>
8. Straiten it with the help of hammer and anvil	<input type="checkbox"/>	<input type="checkbox"/>
9. Grind the work pieces on grinding machine to prepare the edges flat and parallel to each other	<input type="checkbox"/>	<input type="checkbox"/>
10. Place the work pieces parallel to each other	<input type="checkbox"/>	<input type="checkbox"/>
11. Set the flame of welding torch as per standard	<input type="checkbox"/>	<input type="checkbox"/>
12. Complete the bead as per standard	<input type="checkbox"/>	<input type="checkbox"/>

Candidate's Signature_____ Assessor's Signature_____

Date: _____

Assessors Judgment Guide

Qualification	Agricultural Machinery Mechanic (Level 5)
Competency Standard	Perform Oxy Acetylene Welding
Purpose of Assessment	Formative Assessment
Candidate Details	Name: _____ Registration/Roll Number: _____ Signature: _____
Assessment Outcome	<div style="display: flex; justify-content: space-around; align-items: center;"> COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> </div> Name of the Assessor _____ Assessor's code: _____ Signature: _____

Assessment Summary (to be filled by the assessor)							
Activity	Method					Result	
Nature of Activity	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent
Practical Skill Demonstration							
Knowledge Assessment							
Other Requirement							

Observation Checklist

Assessment Task	<ul style="list-style-type: none"> Making Tee Joint Making Butt Joint 		
During the practical assessment, candidate demonstrated the following:	Yes	No	Remarks
1. Take Work piece as per drawing			
2. Straiten it with the help of hammer and anvil			
3. Grind the work pieces on grinding machine to prepare the edges flat and parallel to each other			
4. Place the Bottom piece on work table and place the Top plate at 900 to each other as per drawing			
5. Set the flame of welding torch as per standard			
6. Complete the bead as per standard			
7. Take Work piece as per drawing			
8. Straiten it with the help of hammer and anvil			
9. Grind the work pieces on grinding machine to prepare the edges flat and parallel to each other			
10. Place the work pieces parallel to each other			
11. Set the flame of welding torch as per standard			
12. Complete the bead as per standard			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>	

Knowledge Assessment

Qualification	Agricultural Machinery Mechanic (Level 5)
Competency Standard	Perform Oxy Acetylene Welding
Purpose of Assessment	Formative Assessment
Candidate Details	Name: _____ Registration/Roll Number: _____ Candidate Signature: _____
Assessment Outcome	<div style="display: flex; justify-content: space-around; align-items: center;"> COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> </div> Name of the Assessor: _____ Assessor's code: _____ Signature of the Assessor: _____

Candidate's response is not required to be identical, but similar concepts and/or keywords must be used. Oral questioning may be used to clarify candidate understanding of topic and its application.

Questions (Candidate confidently answered questions correctly and demonstrated understanding of the topics and their application)		Satisfactor y	Not Satisfactor y
1.	What position of electrode is used in oxy acetylene welding?		
2.	Describes types of electrodes?		

3.	How much gap between electrode and base metal should be maintained?		

Feedback to the Candidate	
Candidate's Signature _____ Assessor's Signature _____	