

## Instruction Sheet for the Candidate

<b>Qualification</b>	Agricultural Machinery Operator ( Level 3)
<b>Competency Standard</b>	Perform battery testing and charging operations
<b>Purpose of Assessment</b>	Formative Assessment
<b>Candidate Details</b>	Name_____
	Registration/Roll Number_____
<b>Guidance for Candidate</b>	<p><b>To meet this standard, you are required to complete the following within 03 Hrs. time frame (for practical demonstration &amp; assessment):</b></p> <ul style="list-style-type: none"> <li>• Check electrolyte level and gravity</li> <li>• Top up the battery</li> <li>• Check the voltage</li> </ul>
<b>Time: 01 Hrs.</b>	During a practical assessment, under observation by an assessor, you are required to
<b>Minimum Evidence Required</b>	<p><b>Check electrolyte level and gravity</b></p> <ol style="list-style-type: none"> <li>1. Remove the filler caps</li> <li>2. Check the electrolyte level</li> <li>3. Check the specific gravity with hydrometer and correct as per the standard</li> </ol> <p><b>Top up the battery</b></p> <ol style="list-style-type: none"> <li>1. Pour the electrolyte into the battery</li> <li>2. Refit the caps</li> <li>3. De-suphate terminal with hot water</li> <li>4. Wax the battery terminal</li> </ol> <p><b>Check the voltage</b></p> <ol style="list-style-type: none"> <li>1. Set the multimeter on voltage</li> <li>2. Apply the multimeter probe on battery terminal</li> <li>3. Record the voltage</li> </ol>

## Self-Assessment Checklist

<b>Candidate Name</b>	
<b>Registration No.</b>	
<b>Qualification</b>	Agricultural Machinery Operator ( Level 3)
<b>Competency Standard</b>	Perform battery testing and charging operations
<b>Purpose of Assessment</b>	Formative Assessment
<b>Assessment Task</b>	<ul style="list-style-type: none"> <li>Check electrolyte level and gravity</li> <li>Top up the battery</li> <li>Check the voltage</li> </ul>

I can.....

Performance Criteria	Yes	No
1. Remove the filler caps	<input type="checkbox"/>	<input type="checkbox"/>
2. Check the electrolyte level	<input type="checkbox"/>	<input type="checkbox"/>
3. Check the specific gravity with hydrometer and correct as per the standard	<input type="checkbox"/>	<input type="checkbox"/>
4. Pour the electrolyte into the battery	<input type="checkbox"/>	<input type="checkbox"/>
5. Refit the caps	<input type="checkbox"/>	<input type="checkbox"/>
6. De-suplhate terminal with hot water	<input type="checkbox"/>	<input type="checkbox"/>
7. Wax the battery terminal	<input type="checkbox"/>	<input type="checkbox"/>
8. Set the multimeter on voltage	<input type="checkbox"/>	<input type="checkbox"/>
9. Apply the multimeter probe on battery terminal	<input type="checkbox"/>	<input type="checkbox"/>
10. Record the voltage	<input type="checkbox"/>	<input type="checkbox"/>

Candidate's Signature\_\_\_\_\_ Assessor's Signature\_\_\_\_\_

Date: \_\_\_\_\_

## Assessors Judgment Guide

<b>Qualification</b>	Agricultural Machinery Operator ( Level 3)
<b>Competency Standard</b>	Perform battery testing and charging operations
<b>Purpose of Assessment</b>	Formative Assessment
<b>Candidate Details</b>	Name: _____ Registration/Roll Number: _____ Signature: _____
<b>Assessment Outcome</b>	<div style="display: flex; justify-content: space-between; align-items: center;"> <span><b>COMPETENT</b> <input type="checkbox"/></span> <span><b>NOT YET COMPETENT</b> <input type="checkbox"/></span> </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

<b>Assessment Task</b>	<ul style="list-style-type: none"> <li>Add Inline CSS</li> <li>Apply Internal CSS</li> <li>Link Stylesheet with the webpage</li> </ul>			
<b>During the practical assessment, candidate demonstrated the following:</b>		<b>Yes</b>	<b>No</b>	<b>Remarks</b>
1.	Remove the filler caps			
2.	Check the electrolyte level			
3.	Check the specific gravity with hydrometer and correct as per the standard			
4.	Pour the electrolyte into the battery			
5.	Refit the caps			
6.	De-suplhate terminal with hot water			
7.	Wax the battery terminal			
8.	Set the multimeter on voltage			
9.	Apply the multimeter probe on battery terminal			
10.	Record the voltage			
<b>Competent</b> <input type="checkbox"/>		<b>Not Yet Competent</b> <input type="checkbox"/>		

## Knowledge Assessment

<b>Qualification</b>	Agricultural Machinery Operator ( Level 3)
<b>Competency Standard</b>	Perform battery testing and charging operations
<b>Purpose of Assessment</b>	Formative Assessment
<b>Candidate Details</b>	Name: _____ Registration/Roll Number: _____ Candidate Signature: _____
<b>Assessment Outcome</b>	<div style="display: flex; justify-content: space-around; align-items: center;"> <span><b>COMPETENT</b> <input type="checkbox"/></span> <span><b>NOT YET COMPETENT</b> <input type="checkbox"/></span> </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)		Satisfactory	Not Satisfactory
1.	What is the specific gravity of Electrolyte ?		
2.	What is the required voltage of Tractor battery?		

3.	What is the use of multimeter?		
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Feedback to the Candidate	
Candidate's Signature _____	Assessor's Signature _____