

# Assessment Evidence Guide

## For

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**Level-2**

**Module name**  
(Formative Assessment)

*8<sup>th</sup> -12<sup>th</sup> March 2021*



**National Vocational & Technical  
Training Commission**

<b>Title of Qualification:</b> Basic Machining Operator	<b>CS Code:</b> CS 7	<b>Level:</b> 2	<b>Version:</b> 01
<b>Competency Standard Title:</b> Perform Basic Lathe Machine Operations	<b>Assessment Date (DD/MM/YY):</b>  <b>Assessment Time:</b>		

Candidate Details	Name: .....  Registration/Roll Number:.....
Guidance for Candidate	<p><b>To meet this standard, you are required to complete the following within the given time frame (for practical demonstration &amp; assessment):</b></p> <p><b>Assessment Task 1:</b> Candidate is required to: Perform lathe cutting operations on Job as per drawing assigned by assessor.</p> <p><b>And complete:</b></p> <ol style="list-style-type: none"> <li><b>1. Knowledge assessment test (Written or Oral)</b></li> <li><b>2. Portfolios at the time of assessment (if any)</b></li> </ol>
Minimum Evidence Required	<p><b>During a practical assessment, under observation by an assessor, you will complete:</b></p> <p><b>Assessment Task 1</b></p> <p><b>P1.</b> Obtain and follow work specifications, drawings or sketches to accomplish the work.</p> <p><b>P2.</b> Mount and set the required work-holding devices, work piece and cutting tools</p> <p><b>P3.</b> Set up and adjust the machine as per work specifications and procedures.</p> <p><b>P4.</b> Perform Lathe cutting operation according to the drawing, using appropriate methods and techniques</p> <p><b>P5.</b> Check quality of the component produced at different intervals.</p> <p><b>P6.</b> Ensure the components produced have the required quality and within the specified dimensional accuracy.</p> <p><b>P7.</b> Shut down the machine and equipment on conclusion of the machining activities.</p> <p><b>Portfolios required at the time of assessment (if any) for</b></p>

*Continued on following page*

**Assessors Judgment Guide** (to be completed by the Assessor and signed both by the assessor and the candidate after the assessment)

Candidate Details	Name: ..... Registration/Roll Number: ..... Candidate Signature:.....
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor: ..... Assessor's code: ..... Signature of the Assessor: .....

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							

Each Assessment Task (with performance criteria)				
<b>Assessment Task 1</b>		<b>Description</b> Candidate is required to: Perform lathe cutting operations on Job as per drawing assigned by assessor.		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
	<b>P1.</b> Obtain and follow work specifications, drawings or sketches to accomplish the work.			
	<b>P2.</b> Mount and set the required work-holding devices, work piece and cutting tools			
	<b>P3.</b> Set up and adjust the machine as per work specifications and procedures.			
	<b>P4.</b> Perform Lathe cutting operation according to the drawing, using appropriate methods and techniques			
	<b>P5.</b> Check quality of the component produced at different intervals.			
	<b>P6.</b> Ensure the components produced have the required quality and within the specified dimensional accuracy.			
	<b>P7.</b> Shut down the machine and equipment on conclusion of the machining activities.			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

<b>Title of Qualification:</b> Basic Machining Operator	<b>CS Code:</b> CS 7	<b>Level:</b> 2	<b>Version:</b> 01
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<b>Competency Standard Title:</b> Perform Basic Lathe Machine Operations	<b>Assessment Date (DD/MM/YY):</b>  <b>Assessment Time:</b> 30 min
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Guidance for Candidate	<b>To complete your assessment for this Competency Standard, you need to answer the questions on the following pages successfully.</b>
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**Assessors Guide** (to be completed by the Assessor and signed both by the assessor and the candidate after the assessment)

Candidate Details	Name:.....Registration/Roll Number:  Candidate Signature:.....
Written Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/>  Name of the Assessor: .....Assessor's code:  Signature of the Assessor: .....

<b>Title of Qualification:</b> Basic Machining Operator	<b>CS Code:</b> CS 7	<b>Level:</b> 2	<b>Version:</b> 01
<b>Competency Standard Title:</b> Perform Basic Lathe Machine Operations	<b>Assessment Date (DD/MM/YY):</b>  <b>Assessment Time:</b> 30 min		

#### WRITTEN ASSESSMENT

Question	Candidate's answer
1. Name the work holding devices used on lathe?	<ul style="list-style-type: none"> <li>• Three Jaws Chuck</li> <li>• Four Jaws Chuck</li> <li>• Face Plate</li> <li>• Dog Carrier</li> </ul>
2. Name the different lathe Operations	<ul style="list-style-type: none"> <li>• Facing</li> <li>• Turning</li> <li>• Drilling</li> <li>• Boring</li> <li>• Threading</li> <li>• Knurling</li> <li>• Parting off</li> </ul>
3. Enlist the Methods of Taper Turning on Lathe Machine	<ul style="list-style-type: none"> <li>• Compound Rest Method</li> <li>• Tail Stock offset Method</li> <li>• Taper attachment Method</li> </ul>