

# **Assessment Evidence Guide**

## **For**

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**Level-4**

**Module name**  
**(Formative Assessment)**

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



**National Vocational & Technical  
Training Commission**

<b>Title of Qualification:</b> Assistant QC Inspector	CS Code: CS 78 & 79	Level: 4	Version: 01
<b>Competency Standard Title:</b> Control inspection process and Calibration	<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 Calibration of given instrument in control inspection environment.</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> Check Equipment/instruments for correct calibration</p> <p><b>P2.</b> Ensure calibration of equipment/instruments initiated or undertaken against appropriate standard as required</p> <p><b>P3.</b> Maintain calibration record as per standard operating procedures</p> <p><b>P4.</b> Check validity of previous results in case of finding out of calibration equipment</p> <p><b>P5.</b> Report as per standard operating procedures</p>
	<b>Portfolios required at the time of assessment (if any) for</b>

*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: Prepare Bottle Opener and punch his roll number on this.		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
	<b>P1.</b> Check Equipment/instruments for correct calibration			
	<b>P2.</b> Ensure calibration of equipment/instruments initiated or undertaken against appropriate standard as required			
	<b>P3.</b> Maintain calibration record as per standard operating procedures			
	<b>P4.</b> Check validity of previous results in case of finding out of calibration equipment			
	<b>P5.</b> Report as per standard operating procedures			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

<b>Title of Qualification:</b> Assistant QC Inspector	<b>CS Code:</b> CS 78 & 79	<b>Level:</b> 4	<b>Version:</b> 01
<b>Competency Standard Title:</b> Control inspection process and Calibration		<b>Assessment Date (DD/MM/YY):</b>  <b>Assessment Time:</b> 30 min	

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> Assistant QC Inspector	CS Code: CS 78 & 79	Level: 4	Version: 01
<b>Competency Standard Title:</b> Control inspection process and Calibration	<b>Assessment Date (DD/MM/YY):</b>  <b>Assessment Time:</b> 30 min		

#### WRITTEN ASSESSMENT

Question	Candidate's answer
1. Why do we need to Calibrate Instruments?	<p>According to the International Laboratory Accreditation Cooperation (ILAC), the purpose of calibration is:</p> <ul style="list-style-type: none"> <li>• To know the uncertainty that can be achieved with the measuring instrument</li> <li>• To confirm whether or not there has been any alteration of the measuring instrument that could create doubt about the results</li> <li>• To improve the estimation of the deviation between a reference value and the value obtained using a measurement instrument, as well as the uncertainty in this deviation, at the time the instrument is actually used</li> </ul>
2. Is it sufficient to use a calibrator?	No. A calibrator is used to verify the instrument just before and after a field measurement. This is not a replacement for periodic calibration in a laboratory.
3. What Does Traceability of Calibration Mean?	To provide confidence in the validity of the calibration results they must be traceable. This means the results on the instrument's calibration certificate need to be traceable to the standard used, and the results on the certificate for the standard are in turn traceable to the standard used for its calibration.