

# 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>  <b>Molder-II</b>	<b>CS Code:</b>	<b>Level:2</b>	<b>Version:01</b>
<b>Competency Standard Title:</b>  <b>Operate core making machines</b>	<b>Assessment Date (DD/MM/YY):</b>  <b>Assessment Time:</b>		

<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 the given time frame (for practical demonstration &amp; assessment):</b></p> <p><b>Assessment Task 1:</b> Candidate is required to:  <b>Prepare Core sand</b></p> <p><b>Assessment Task 2:</b> Candidate is required to:  <b>Operate Core Shooter Machine</b></p> <p><b>Assessment Task 3:</b> Candidate is required to:  <b>Operate Core Baking Oven</b></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>
<b>Minimum Evidence Required</b>	<p><b>During a practical assessment, under observation by an assessor, you will complete:</b></p> <p><b>Assessment Task 1</b></p> <ol style="list-style-type: none"> <li>1. Prepare sand for core making</li> <li>2. Add additives ( water, Binders) as required</li> <li>3. Mix sand using hand tools/machine</li> </ol>

	<b>Assessment Task 2</b> <ol style="list-style-type: none"> <li>1. Fill core pattern with core sand</li> <li>2. Place sand filled core pattern in core shooter machine</li> <li>3. Operate the machine as per SOP</li> <li>4. Apply pressurized air to the core box</li> <li>5. Remove the core box from machine</li> <li>6. Extract core from the box</li> <li>7. Practice standard health and safety procedures</li> </ol>
	<b>Assessment Task 3</b> <ol style="list-style-type: none"> <li>1. Energize electric/gas fired baking oven</li> <li>2. Place cores batch inside oven</li> <li>3. Operate oven as per SOP</li> <li>4. Remove batch of baked core from oven</li> <li>5. Practice standard health and safety procedures</li> </ol>
	<b>Portfolios required at the time of assessment (if any) for</b>

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**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)				
Assessment Task 1		Description of assessment task 1		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
	1. Prepare sand for core making			
	2. Add additives ( water, Binders) as required			
	3. Mix sand using hand tools/machine			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Assessment Task 2		Description of assessment task 2		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
	1. Fill core pattern with core sand			
	2. Place sand filled core pattern in core shooter machine			
	3. Operate the machine as per SOP			
	4. Apply pressurized air to the core box			
	5. Remove the core box from machine			
	6. Extract core from the box			
	7. Practice standard health and safety procedures			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Assessment Task 3		Description of assessment task 3		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
	1. Energize electric/gas fired baking oven			
	2. Place cores batch inside oven			
	3. Operate oven as per SOP			
	4. Remove batch of baked core from oven			
	5. Practice standard health and safety procedures			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

<b>Title of Qualification:</b>  <b>Molder-II</b>	<b>CS Code:</b>	<b>Level:</b>	<b>Version:</b> 01
<b>Competency Standard Title:</b>  <b>Operate core making machines</b>	<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>  <b>Molder-II</b>	<b>CS Code:</b>	<b>Level:</b>	<b>Version:</b> 01
<b>Operate core making machines</b>	<b>Assessment Date (DD/MM/YY):</b>  <b>Assessment Time:</b> 30 min		

#### WRITTEN ASSESSMENT

Question	Candidate's answer
1.	
2.	
3.	
4.	
5.	
6.	
7.	

Question	Candidate's answer
8.	
9.	