

Assessment Evidence Guide

For

“Dies and Mould Technology”

Level-5

Manufacture Dies and Moulds
(Formative Assessment)

1st -5th March 2021



**National Vocational & Technical
Training Commission**

Title of Qualification: National Vocational Certificate Level 5, in (Dies and Mould Technology) "Associate Engineer"	CS Code:	Level: 5	Version: 01
Competency Standard Title: Manufacture Dies and Moulds	Assessment Date (DD/MM/YY): Assessment Time: 3hrs		

Candidate Details	Name: Registration/Roll Number:.....
Guidance for Candidate	<p>To meet this standard, you are required to complete the following within the given time frame (for practical demonstration & assessment):</p> <p>Assessment Task 1: Candidate is required to perform operational planning and manufacture Die according to design assign by assessor.</p> <p>Assessment Task 2: Candidate is required to perform operational planning and manufacture Mould according to design assign by assessor.</p> <p>And complete:</p> <ol style="list-style-type: none"> Knowledge assessment test (Written or Oral) Portfolios at the time of assessment (if any)
Minimum Evidence Required	<p>During a practical assessment, under observation by an assessor, you will complete:</p> <p>Assessment Task 1</p> <p>Performance Criteria 1: Interpret engineering drawing of required part Performance Criteria 2: Calculate sizes of material required for the work piece Performance Criteria 3: Create a list of required tools Performance Criteria 4: Allocate estimated time for each operation Performance Criteria 5: Perform Sequencing of manufacturing process of each part Performance Criteria 6: Manufacture all components of Die as per process plan according to design requirements Performance Criteria 7: Perform inspection of final parts and perform rectification accordingly</p> <p>Assessment Task 2</p> <p>Performance Criteria 1: Interpret engineering drawing of required part Performance Criteria 2: Calculate sizes of material required for the work piece Performance Criteria 3: Create a list of required tools Performance Criteria 4: Allocate estimated time for each operation Performance Criteria 5: Perform Sequencing of manufacturing process of each part Performance Criteria 6: Manufacture all components of Mould as per process plan according to design requirements Performance Criteria 7: Perform inspection of final parts and perform rectification accordingly</p>

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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 Candidate is required to perform operational planning and manufacture Die according to design assign by assessor.		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1.	Interpret engineering drawing of required part			
2.	Calculate sizes of material required for the work piece			
3.	Create a list of required tools			
4.	Allocate estimated time for each operation			
5.	Perform Sequencing of manufacturing process of each part			
6.	Manufacture all components of Die as per process plan according to design requirements			
7.	Perform inspection of final parts and perform rectification accordingly			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Assessment Task 2		Description of assessment task 2 Candidate is required to perform operational planning and manufacture Mould according to design assign by assessor.		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1.	Interpret engineering drawing of required part			
2.	Calculate sizes of material required for the work piece			
3.	Create a list of required tools			
4.	Allocate estimated time for each operation			
5.	Perform Sequencing of manufacturing process of each part			
6.	Manufacture all components of Mould as per process plan according to design requirements			
7.	Perform inspection of final parts and perform rectification accordingly			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		