

Written Assessment Guide

For

**“ Dies and Mould
Technology”**

Level-2

Perform Basic Milling Operations

1st -5th March 2021



**National Vocational & Technical
Training Commission**

Title of Qualification: National Vocational Certificate Level 2, in (Dies and Mould Technology) "Machinist"	CS Code:	Level: 2	Version: 01
Competency Standard Title: Perform Basic Milling Operations Maintain Personal Health, hygiene and safety Perform Basic Communication skills	Assessment Date (DD/MM/YY): Assessment Time: 30 min		

Guidance for Candidate	To complete your assessment for this Competency Standard, you need to answer the questions on the following pages successfully.
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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:

Title of Qualification: National Vocational Certificate Level 2, in (Dies and Mould Technology) "Machinist"	CS Code:	Level: 2	Version: 01
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WRITTEN ASSESSMENT

Question	Candidate's answer
1. Enlist any four parts of milling machine?	A. <ol style="list-style-type: none"> 1. Column and Base 2. Knee 3. Saddle and Swivel Table 4. Power Feed mechanism 5. Table 6. Spindle 7. Over Arm / Overhanging Arm 8. Arbor Support
2. What is function of milling machine?	A. The basic function of milling machines is to produce flat surfaces in any orientation.
3. Enlist any four types of milling cutter?	A. <ol style="list-style-type: none"> 1. End mill 2. Face mill 3. Ball cutter 4. Slab mill 5. Side-and-face cutter 6. Involute gear cutter 7. Fly cutter 8. Hollow mill

Question	Candidate's answer
4. What are different methods of milling?	A. Conventional milling (Up Milling), Climb milling (Down Milling)
5. Which material the milling cutter is usually made of?	A. High speed steel, cemented tipped, super high-speed steel etc.
6. What is indexing?	A. The indexing is the operation of dividing the periphery of a piece of work into any number of equal parts.
7. Write the name of attachment for indexing?	A. Indexing Head / Dividing Head
8. Write the communication skills?	A. <ol style="list-style-type: none"> 1. Reading 2. Writing 3. Speaking 4. Listening
9. How do you maintain safety in the workplace?	A. <ol style="list-style-type: none"> 1. Understand the risks 2. Reduce workplace stress 3. Take regular breaks 4. Avoid stooping or twisting 5. Use mechanical aids whenever possible 6. Protect your back 7. Wear protective equipment to suit the task 8. Stay sober

Question	Candidate's answer
10. What are three types of hygiene?	A. Types of personal hygiene 1. Shower hygiene 2. Nail hygiene 3. Teeth hygiene 4. Sickness hygiene 5. Hands hygiene