

Written Assessment Guide

For

“Dies and Mould Technology”

Level-3

**Perform 2D & 3D Engineering Drawings using
CAD Software**

1st -5th March 2021



**National Vocational & Technical
Training Commission**

Title of Qualification: National Vocational Certificate Level 3, in (Dies and Mould Technology) "CNC Machinist"	CS Code:	Level: 3	Version: 01
Competency Standard Title: Perform 2D & 3D Engineering Drawings using CAD Software Identify and implement Workplace Policies and Procedures Apply work health and safety practices (WHS) Communicate at workplace	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 ☐ NOT YET COMPETENT ☐ Name of the Assessor: Assessor's code: Signature of the Assessor:

Title of Qualification: National Vocational Certificate Level 3, in (Dies and Mould Technology) "CNC Machinist"	CS Code:	Level: 3	Version: 01
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WRITTEN ASSESSMENT

Question	Candidate's answer
1. Short keys: H O	A. Hatch Offset
2. Short keys: E M	A. Erase Move
3. Short keys: G F	A. Group Fillet
4. Short key: D J	A. Dim style Join
5. Enlist any three types of 3D CAD software?	1. Solid works 2. Auto CAD 3. CATIA 4. Del Cam 5. Auto Desk Inventor 6. Pro Engineer

Question	Candidate's answer
6. What is file extension of Auto CAD file?	A. DWG file
7. What is the difference between 2D and 3D drawings?	A. X and Y axes are use in 2D drawing and X, Y & Z axes are used for 3D drawings.
8. Enlist most common workplace accidents?	A. • Slips, trips and falls • Being caught in or struck by moving machinery • Transportation and vehicle-related accidents • Fire and explosions • Overexertion and repetitive stress injuries
9. What is occupational health and hygiene?	A. The definition used by IOHA is: 'Occupational Hygiene is the discipline of anticipating, recognizing, evaluating and controlling health hazards in the working environment with the objective of protecting worker health and well-being and safeguarding the community at large.
10. Enlist the any four types of communication?	A. • Verbal Communication • Non-verbal / Interpersonal communication • Written Communication • Formal & Informal • Visual Communication