

Written Assessment Guide
For
“Dies & Mould
Technology”

Level -5

Perform Dies & Moulds Assembly and Try Outs

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:
Competency Standard Title: Perform Dies & Moulds Assembly and Try Outs	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 5, in (Dies and Mould Technology) “Associate Engineer”	CS Code:	Level:5	Version:
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WRITTEN ASSESSMENT

Question	Candidate's answer
1. Enlist any five tools used in mould assembly?	A. <ul style="list-style-type: none"> • Allen wrenches • Aluminum • Pry bars • Rubber/copper/aluminum mallets • Install all sub • gate inserts • Core pins, etc.
2. What is die spotting press?	A. Die spotting presses are used in the manufacturing and verification process of dies and moulds. Their dimensions are defined according to the die or mould to be retouched.
3. What is the assembly process?	A. An assembly line is a production process that divides up the labor process. It breaks up the manufacture of a good into steps that are completed in a pre-defined sequence.
4. What is assembly line?	A. Assembly lines are the most commonly used method in the mass production of products.
5. What is mould assembly?	A. Mold assembly is one of the most critical steps of mold making procedure, all the parts machined or purchased need to be put together and required to be work functionality.

Question	Candidate's answer
6. Enlist any five mold polishing methods?	<p>A.</p> <ul style="list-style-type: none"> • Mechanical Polishing • Chemical Polishing • Electro polishing • Ultrasonic Polishing • Fluid Polishing • Magnetic Grinding & Polishing • EDM-Ultrasonic Polishing
7. What is the process of polishing?	<p>A. Polishing is the process of creating a smooth and shiny surface by rubbing it or by applying a chemical treatment, leaving a clean surface with a significant specular reflection.</p>
8. State mould polishing tools?	<p>A.</p> <ul style="list-style-type: none"> • Sand papers • Oil stones • polishing compounds • Abrasive paste • Felt wheel • Alloy trowel • Diamond grinding needle etc.