

Mechanical Manufacturing Engineering Level 2

NVQ 100/3571/0

SVQ G7C722

The candidate is required to complete the three mandatory assessment routes, plus the required number of assessment routes from their choice of pathway.

Mandatory Assessment Routes

EAL Assessment Route Code		QCA Code
MME2/001	■ Complying with Statutory Regulations and Organisational Safety Requirements	T/101/3242
MME2/002	■ Using and Interpreting Engineering Data and Documentation	L/101/7250
MME2/003	■ Working Efficiently and Effectively in Engineering	R/101/7251

Pathway choices overleaf.



Pathway MMA: Machine Operating

Scheme Number/Pathway: NVQ: 100/3571/0MMA SVQ: G7C722MMA

All three mandatory assessment routes plus one of the following assessment routes:

EAL Assessment Route Code		QCA Code
MME2/004	■ Operating Capstan or Turret Lathes	L/102/3601
MME2/005	■ Operating Centre Lathes	R/102/3602
MME2/006	■ Operating Single Spindle Automatic Turning Machines	Y/102/3603
MME2/007	■ Operating Multi-Spindle Automatic Turning Machines	D/102/3604
MME2/008	■ Operating Milling Machines	H/102/3605
MME2/009	■ Operating Single and Multi-Spindle Drilling Machines	K/102/3606
MME2/010	■ Operating Grinding Machines	M/102/3607
MME2/011	■ Operating Special-Purpose Machines	T/102/3608
MME2/012	■ Operating Gear Cutting Machines	A/102/3609
MME2/013	■ Operating Electro Discharge Machines	M/102/3610
MME2/014	■ Operating Honing and Lapping Machines	T/102/3611
MME2/015	■ Operating Broaching Machines	A/102/3612
MME2/016	■ Operating Shaping, Planing or Slotting Machines	F/102/3613
MME2/017	■ Operating Gear Grinding Machines	J/102/3614
MME2/018	■ Operating Power Presses	L/102/3615

Pathway MMB: NC/CNC Machine Operating

Scheme Number/Pathway: NVQ: 100/3571/0MMB SVQ: G7C722MMB

All three mandatory assessment routes plus one of the following assessment routes:

EAL Assessment Route Code		QCA Code
MME2/019	■ Operating NC/CNC Turning Machines	R/102/3616
MME2/020	■ Operating CNC Milling Machines	Y/102/3617
MME2/021	■ Operating NC/CNC Grinding Machines	D/102/3618
MME2/022	■ Operating NC/CNC Punching Machines	H/102/3619
MME2/023	■ Operating CNC Laser Profiling Machines	Y/102/3620
MME2/024	■ Operating NC/CNC Electro Discharge Machines	D/102/3621
MME2/025	■ Operating NC/CNC Gear Cutting Machines	H/102/3622
MME2/026	■ Operating NC/CNC Machining Centres	K/102/3623

Pathway MMC: Production Assembly

Scheme Number/Pathway: NVQ: 100/3571/0MMC SVQ: G7C722MMC

All three mandatory assessment routes plus one of the following assessment routes:

EAL Assessment Route Code		QCA Code
MME2/027	■ Producing Mechanical Sub-Assemblies/Assemblies	M/102/3624
MME2/028	■ Assembling Fluid Power Components to Mechanical Equipment	T/102/3625
MME2/029	■ Assembling Electrical or Electronic Components to Mechanical Equipment	A/102/3626
MME2/030	■ Assembling Pipework Components to Mechanical Equipment	F/102/3627

Pathway MMD: Composite Manufacture

Scheme Number/Pathway: NVQ: 100/3571/0MMD SVQ: G7C722MMD

All three mandatory assessment routes plus one of the following assessment routes:

EAL Assessment Route Code		QCA Code
MME2/031	■ Producing Composite Mouldings using Wet Lay-Up Techniques	J/102/3628
MME2/032	■ Producing Composite Mouldings using Pre-Preg Laminating Techniques	L/102/3629
MME2/033	■ Producing Components by Acrylic Moulding	F/102/3630
MME2/034	■ Vacuum Forming Composite Materials	J/102/3631
MME2/035	■ Trimming Composite Mouldings using Hand Tools	L/102/3632
MME2/036	■ Identifying Defects in Composite Mouldings	R/102/3633
MME2/037	■ Carrying Out Repairs to Composite Mouldings	Y/102/3634
MME2/038	■ Applying Surface Finishes to Composite Mouldings	D/102/3635
MME2/039	■ Bonding Composite Mouldings	H/102/3636
MME2/040	■ Producing Composite Assemblies	K/102/3637

Pathway MME: Optical Engineering

Scheme Number/Pathway: NVQ: 100/3571/0MME SVQ: G7C722MME

All three mandatory assessment routes plus the assessment route from Group A, plus one assessment route from Group B:

Group A

EAL Assessment
Route Code

QCA Code

MME2/041 ■ Carrying Out Inspection Activities on Optical Components

M/102/3638

Plus one assessment route from Group B:

Group B

EAL Assessment
Route Code

QCA Code

MME2/042 ■ Operating Infra-Red / Special Material Lens Process Machines

T/102/3639

MME2/043 ■ Operating Optical Glass Lens Process Machines

K/102/3640

MME2/044 ■ Operating Optical Prism and Flat Process Machines

M/102/3641

MME2/045 ■ Operating CNC Aspheric Optical and Diamond Turning Machines

T/102/3642

MME2/046 ■ Operating NC/CNC Optical Grinding and Polishing Machines

A/102/3643

MME2/047 ■ Operating Optical Cylinder and Dome Process Machines

F/102/3644

MME2/048 ■ Operating Vacuum Coating Optical Process Machines

J/102/3645

MME2/049 ■ Operating Optical Plastic Process Machines

L/102/3646
