

Installation & Commissioning Level 3

NVQ: 100/4152/7

SVQ: G7GK23

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

Mandatory Assessment Routes

EAL Assessment Route Code		QCA Code
ICM3/001	■ Complying with Statutory Regulations and Organisational Safety Requirements	T/102/5407
ICM3/002	■ Using Engineering Drawings and Documents in Installation and Commissioning Activities	A/102/5408
ICM3/003	■ Working Efficiently and Effectively in Engineering	F/102/5409
ICM3/004	■ Handing Over and Confirming Completion of Installation or Commissioning Activities	T/102/5410

Pathway choices overleaf.



Pathway ICA: Equipment Installation

Scheme Number/Pathway: NVQ: 100/4152/7ICA SVQ: G7GK23ICA

All four mandatory assessment routes plus one assessment route from the choice below:

EAL Assessment Route Code		QCA Code
ICM3/005	■ Installing Mechanical Equipment	A/102/5411
ICM3/006	■ Installing Electrical/Electronic Equipment	F/102/5412
ICM3/007	■ Installing Equipment to Produce an Engineered System	J/102/5413
ICM3/008	■ Installing Instrumentation and Control Equipment	L/102/5414
ICM3/009	■ Installing Fluid Power Equipment	R/102/5415
ICM3/010	■ Installing Process Controller Equipment	Y/102/5416
ICM3/011	■ Installing Emergency Electrical Power Generation Equipment	D/102/5417
ICM3/012	■ Installing Environmental Pollution Control Equipment	H/102/5418
ICM3/013	■ Installing Workplace Environmental Control Equipment	K/102/5419
ICM3/014	■ Installing Heating and Ventilation Equipment	D/102/5420
ICM3/015	■ Installing Air Conditioning and Ventilation Equipment	H/102/5421
ICM3/016	■ Installing Compressed Air Equipment	K/102/5422
ICM3/017	■ Installing Waste/Foul Water Distribution Equipment	M/102/5423
ICM3/018	■ Installing Fresh Water Distribution Equipment	T/102/5424
ICM3/019	■ Installing Refrigeration Equipment	F/102/5426

Pathway ICB: Commissioning

Scheme Number/Pathway: NVQ: 100/4152/7ICB SVQ: G7GK23ICB

All four mandatory assessment routes plus one assessment route from the choice below:

EAL Assessment Route Code		QCA Code
ICM3/020	■ Commissioning Mechanical Equipment and Systems	J/102/5427
ICM3/021	■ Commissioning Electrical/Electronic Equipment and Systems	R/102/5429
ICM3/022	■ Commissioning Engineered Systems	J/102/5430
ICM3/023	■ Commissioning Process Controller Equipment and Systems	L/102/5431
ICM3/024	■ Commissioning Instrumentation and Control Equipment and Systems	R/102/5432
ICM3/025	■ Commissioning Fluid Power Equipment and Systems	Y/102/5433
ICM3/026	■ Commissioning Emergency Electrical Power Generation Equipment and Systems	D/102/5434
ICM3/027	■ Commissioning Environmental Pollution Control Equipment and Systems	H/102/5435
ICM3/028	■ Commissioning Workplace Environmental Control Equipment and Systems	K/102/5436
ICM3/029	■ Commissioning Heating and Ventilation Equipment and Systems	M/102/5437
ICM3/030	■ Commissioning Air Conditioning and Ventilation Equipment and Systems	T/102/5438
ICM3/031	■ Commissioning Compressed Air Equipment and Systems	A/102/5439
ICM3/032	■ Commissioning Waste/Foul Water Distribution Equipment and Systems	M/102/5440
ICM3/033	■ Commissioning Fresh Water Distribution Equipment and Systems	T/102/5441
ICM3/034	■ Commissioning Refrigeration Equipment and Systems	A/102/5442

Pathway ICC: Traction Lift Installation

Scheme Number/Pathway: NVQ: 100/4152/7ICC SVQ: G7GK23ICC

All four mandatory assessment routes plus all the assessment routes below:

EAL Assessment Route Code		QCA Code
ICM3/035	■ Carrying Out Fault Diagnosis on Lift Installations	F/102/5443
ICM3/036	■ Measuring and Setting Out Lift Installations	J/102/5444
ICM3/037	■ Installing Lift Well and Ancillary Equipment	L/102/5445
ICM3/038	■ Installing Traction Lift Equipment	Y/102/5447
ICM3/039	■ Installing Lift Ropes and Chains	D/102/5451
ICM3/040	■ Installing Lift Doors, Frames and Ancillary Components	T/102/5455
ICM3/041	■ Checking and Setting Lift Installations	F/102/5460

Pathway ICD: Hydraulic Lift Installation

Scheme Number/Pathway: NVQ: 100/4152/7ICD SVQ: G7GK23ICD

All four mandatory assessment routes plus all the assessment routes below:

EAL Assessment Route Code		QCA Code
ICM3/035	■ Carrying Out Fault Diagnosis on Lift Installations	F/102/5443
ICM3/036	■ Measuring and Setting Out Lift Installations	J/102/5444
ICM3/037	■ Installing Lift Well and Ancillary Equipment	L/102/5445
ICM3/039	■ Installing Lift Ropes and Chains	D/102/5451
ICM3/040	■ Installing Lift Doors, Frames and Ancillary Components	T/102/5455
ICM3/041	■ Checking and Setting Lift Installations	F/102/5460
ICM3/042	■ Installing Hydraulic Lift Equipment	Y/102/5464

Pathway ICE: Escalator Installation and Commissioning

Scheme Number/Pathway: NVQ: 100/4152/7ICE SVQ: G7GK23ICE

All four mandatory assessment routes plus all the assessment routes below:

EAL Assessment Route Code		QCA Code
ICM3/043	■ Carrying Out Fault Diagnosis on Escalator Installations	H/102/5466
ICM3/044	■ Installing Escalator Equipment	K/102/5467
ICM3/045	■ Commissioning Escalator Installations	K/102/5470