



Level 2 NVQ Certificate in Plant Operations (Construction)

SQA Qualification Code: GL5F 66

Regulated Qualification Code: 601/8962/9

Total Qualification Time: 160 Hours

To attain the qualification, learners must achieve between 16 and 31 Credits in total, depending on the chosen pathway.

This will comprise:

- ◆ both Mandatory Core units (5 Credits) plus
- ◆ the required Credits from ONE Pathway only (between 11 and 26 Credits)

Please note: It is important that the SQA unit codes are used in all your recording documentation and when your results are communicated to SQA.

Mandatory units: all units should be completed					
SQA unit code	Title	Credit value	Level	GLH	Regulated unit code
FX74 81	Conforming to General Health, Safety and Welfare in the Workplace	2	1	7	A/503/1170
FX6X 68	Conforming to Productive Working Practices in the Workplace	3	2	10	J/503/1169

Pathway 1 Cranes and Specialist Lifting (Learners must achieve a minimum of 11 credits from ONE of the following units)

SQA unit code	Title	Credit value	Level	GLH	Regulated unit code
HE5N 68	Preparing and Operating Compact Cranes to Lift and Transfer Loads in the Workplace	30	2	100	M/508/1600
HE52 68	Preparing and Operating Pedestrian Operated Tower	30	2	100	T/508/1601

SQA unit code	Title	Credit value	Level	GLH	Regulated unit code
	Cranes to Lift and Transfer Loads in the Workplace				

Pathway 1 (cont)

SQA unit code	Title	Credit value	Level	GLH	Regulated unit code
HE5G 66	Preparing and Operating Overhead Cranes to Lift and Transfer Loads in the Workplace	18	2	60	A/508/1602
HE3N 68	Preparing and Operating Excavator Cranes to Lift and Transfer Loads in the Workplace	30	2	100	F/508/1603
HE4V 66	Preparing and Operating Hoists to Lift and Transfer Loads in the Workplace	12	2	40	M/508/4190
HE59 68	Preparing and Operating Lorry Loaders or Knuckle Booms to Lift and Transfer Loads in the Workplace	30	2	100	D/508/4203
HE5P 66	Preparing and Operating Skip Handlers to Lift and Transfer Loads in the Workplace	18	2	60	F/508/4226
HE3X 66	Preparing and Operating Container Handlers to Lift and Transfer Loads in the Workplace	18	2	60	T/508/4255
HE4D 66	Preparing and Operating Self-propelled Modular Transporters (SPMT) to Lift and Transfer Loads in the Workplace	30	2	100	D/508/4301
HE4P 66	Preparing and Operating Ergonomic Manipulating Machines to Lift and Transfer Loads in the Workplace	11	2	37	D/508/4329

Pathway 2 Fork-lift Trucks (Learners must achieve a minimum of 16 credits from ONE of the following units)

SQA unit code	Title	Credit value	Level	GLH	Regulated unit code
HE44 66	Preparing and Operating Rough Terrain Masted Forklifts to Lift and Transfer Loads in the Workplace	18	2	60	H/508/1612
HE4H 66	Preparing and Operating Industrial Forklift Trucks to Lift and Transfer Loads in the Workplace	16	2	53	R/508/4330
HE51 66	Preparing and Operating Sideloader Forklifts to Lift and Transfer Loads in the Workplace	16	2	53	H/508/1643
HE45 68	Preparing and Operating Telescopic Handlers to Lift and Transfer Loads in the Workplace	25	2	83	K/508/1644
HE4J 66	Preparing and Operating Reach Trucks to Lift and Transfer Loads in the Workplace	16	2	53	A/508/1647

Pathway 3 Extracting (Learners must achieve a minimum of 16 credits from ONE of the following units)

SQA unit code	Title	Credit value	Level	GLH	Regulated unit code
HE54 66	Preparing and Operating Wheeled Loading Shovels to Extract Loose Materials in the Workplace	26	2	87	R/508/1606
HE46 66	Preparing and Operating Skid Steer Loaders to Extract Loose Materials in the Workplace	20	2	67	Y/508/4331
HE5R 66	Preparing and Operating Loader Compactors to Extract Loose Materials in the Workplace	16	2	53	F/508/3397

Pathway 4 Transporting Loads (Learners must achieve a minimum of 12 credits from ONE of the following units)

SQA unit code	Title	Credit value	Level	GLH	Regulated unit code
HE4L 66	Preparing and Operating Forward Tipping Dumpers to Receive, Transport and Discharge Materials in the Workplace	16	2	53	K/508/4852
HE4X 66	Preparing and Operating Rear Tipping Dump Trucks to Receive, Transport and Discharge Materials in the Workplace	30	2	100	F/508/4856
HE5D 66	Preparing and Operating Tractors with Towed Equipment for Non-agricultural Activities in the Workplace	20	2	67	L/508/4858
HE57 68	Preparing and Operating Trailer-mounted Concrete Pumps to Receive, Pump and Discharge Materials in the Workplace	18	2	60	R/508/4859
HE5V 66	Preparing and Operating Self-propelled Bowsers to Receive, Transport and Discharge Materials in the Workplace	12	2	40	K/508/4866
HE41 66	Preparing and Operating Static Concrete Placing Booms to Discharge and Place Materials in the Workplace	25	2	83	M/508/4870
HE4E 66	Preparing and Operating Volumetric Trucks to Receive and Transport Materials in the Workplace	30	2	100	A/508/4872

Pathway 5 Work Platforms (Learners must achieve a minimum of 12 credits from ONE of the following units)

SQA unit code	Title	Credit value	Level	GLH	Regulated unit code
HA70 79	Preparing and Operating Scissor-type Mobile Elevating Work Platforms (MEWP) in the Workplace	12	2	40	T/508/1131
HA71 79	Preparing and Operating Boom-type Mobile Elevating Work Platforms (MEWP) in the Workplace	14	2	47	D/508/1107
HA72 79	Preparing and Operating Mast Climber-type Mobile Elevating Work Platforms (MEWP) in the Workplace	12	2	40	M/508/1130

Pathway 6 Laying and Distributing (Learners must achieve 25 credits from ONE of the following units)

SQA unit code	Title	Credit value	Level	GLH	Regulated unit code
HE5W 66	Preparing and Operating Binder Spreaders to Lay and Distribute Materials in the Workplace	25	2	83	R/508/4876
HE4T 66	Preparing and Operating Self-propelled Spreaders to Lay and Distribute Materials in the Workplace	25	2	83	D/508/4900
HE4Y 66	Preparing and Operating Towed Scrapers to Lay and Distribute Materials in the Workplace	25	2	83	A/508/4905

Pathway 7 Compacting (Learners must achieve a minimum of 16 credits from ONE of the following units)

SQA unit code	Title	Credit value	Level	GLH	Regulated unit code
HE5E 66	Preparing and Operating Ride-on Rollers to Compact Materials in the Workplace	16	2	53	F/508/4906
HE5X 66	Preparing and Operating Soil Compactors to Compact Materials in the Workplace	16	2	53	L/508/4908
HE42 66	Preparing and Operating Landfill Compactors to Compact Materials in the Workplace	25	2	83	L/508/4911

Pathway 8 Processing (Learners must achieve a minimum of 12 credits from ONE of the following units)

SQA unit code	Title	Credit value	Level	GLH	Regulated unit code
HE4F 66	Preparing and Operating Crushers to Process Materials in the Workplace	16	2	53	R/508/4912
HE55 66	Preparing and Operating Screeners to Process Materials in the Workplace	12	2	40	Y/508/4913
HE5J 66	Preparing and Operating Batching Plant to Process Materials in the Workplace	12	2	40	A/508/4967

Pathway 9 Loading and Securing (minimum of 26 credits)

Mandatory unit for Pathway 9 — Loading and Securing (Learners must achieve 16 credits from the following unit)

SQA unit code	Title	Credit value	Level	GLH	Regulated unit code
HE49 66	Preparing for, and Arranging and Securing Plant or Machinery for Transportation in the Workplace	16	2	53	J/508/4969

Optional units for Pathway 9 — Loading and Securing (Learners must achieve a minimum of 10 credits from ONE of the following units)

SQA unit code	Title	Credit value	Level	GLH	Regulated unit code
HE3T 66	Preparing to and Directing and Guiding the Movement of Vehicles, Plant or Machinery in the Workplace	12	2	40	A/508/4970
HE58 68	Slinging and Hand Signalling the Movement of Suspended Loads in the Workplace	10	2	33	F/508/4971
HE61 66	Operating Plant or Machinery for Non-operational Activities in the Workplace	10	2	53	D/508/5058

Pathway 10 Road/Rail (minimum of 20 credits)

Mandatory unit — Road/Rail (Learners must achieve 8 credits from the following unit) — plus see optional units for Pathway 10 below

SQA unit code	Title	Credit value	Level	GLH	Regulated unit code
HE5K 68	Preparing and Operating Road/Rail Adapted Plant in the Workplace	8	2	27	D/508/4959

Pathway 11 Attachments (minimum of 19 credits)

Mandatory unit for Pathway 10 — Attachments (Learners must achieve 7 credits from the following unit) — plus see optional units for Pathway 11 below

SQA unit code	Title	Credit value	Level	GLH	Regulated unit code
HE3V 68	Preparing and Operating Plant or Machinery Attachments in the Workplace	7	2	23	Y/508/4961

Optional units for Pathways 10 and 11 (Learners must achieve a minimum of 12 credits from ONE of the following units)

SQA unit code	Title	Credit value	Level	GLH	Regulated unit code
HE3N 68	Preparing and Operating Excavator Cranes to Lift and Transfer Loads in the Workplace	30	2	100	F/508/1603
HE44 66	Preparing and Operating Rough Terrain Masted Forklifts to Lift and Transfer Loads in the Workplace	18	2	60	H/508/1612
HE45 68	Preparing and Operating Telescopic Handlers to Lift and Transfer Loads in the Workplace	25	2	83	K/508/1644
HE59 68	Preparing and Operating Lorry Loaders or Knuckle Booms to Lift and Transfer Loads in the Workplace	30	2	100	D/508/4203
HE54 66	Preparing and Operating Wheeled Loading Shovels to Extract Loose Materials in the Workplace	26	2	87	R/508/1606
HE46 66	Preparing and Operating Skid Steer Loaders to Extract Loose Materials in the Workplace	20	2	67	Y/508/4331
HE5R 66	Preparing and Operating Loader Compressors to Extract Loose Materials in the Workplace	16	2	53	F/508/3397
HE4L 66	Preparing and Operating Forward Tipping Dumpers to Receive, Transport and Discharge Materials in the Workplace	16	2	53	K/508/4852
HE4X 66	Preparing and Operating Rear Tipping Dump Trucks to Receive, Transport and Discharge Materials in the Workplace	30	2	100	F/508/4856
HE5D 66	Preparing and Operating Tractors with Towed Equipment for Non-agricultural Activities in the Workplace	20	2	67	L/508/4858

Optional units for Pathways 10 and 11 (cont)

SQA unit code	Title	Credit value	Level	GLH	Regulated unit code
HA70 79	Preparing and Operating Scissor-type Mobile Elevating Work Platforms (MEWP) in the Workplace	12	2	40	T/508/1131
HA71 79	Preparing and Operating Boom-type Mobile Elevating Work Platforms (MEWP) in the Workplace	14	2	47	D/508/1107
HA72 79	Preparing and Operating Mast Climber-type Mobile Elevating Work Platforms (MEWP) in the Workplace	12	2	40	M/508/1130

Pathway 12 Excavating (Learners must achieve a minimum of 20 credits from ONE of the following units)

SQA unit code	Title	Credit value	Level	GLH	Regulated unit code
HE5L 66	Preparing and Operating Wheeled Loading Shovels to Excavate in the Workplace	26	2	87	L/508/5041
HE56 66	Preparing and Operating Skid Steer Loaders to Excavate in the Workplace	20	2	67	R/508/5039

Pathway 13 Sweeping, Cleaning, Clearing (Learners must achieve 13 credits from the following Mandatory unit)

SQA unit code	Title	Credit value	Level	GLH	Regulated unit code
HE43 66	Preparing and Operating Plant or Machinery to Sweep, Clean or Clear in the Workplace	13	2	58	D/508/5044

Pathway 14 Operations Guide (Learners must achieve 18 credits from the following Mandatory unit)

SQA unit code	Title	Credit value	Level	GLH	Regulated unit code
HE5Y 66	Controlling, Directing and Guiding the Operation of Plant or Machinery in the Workplace	18	2	60	H/508/5059

Additional unit for Pathway 14 — Operations Guide (not compulsory, credit value: N/A)

SQA unit code	Title	Credit value	Level	GLH	Regulated unit code
HE4M 66	Setting out Secondary Dimensional Work Control in the Workplace	7	2	23	R/508/5056

Pathway 15 Movement Guide (Learners must achieve 12 credits from the following Mandatory unit)

SQA unit code	Title	Credit value	Level	GLH	Regulated unit code
HE3T 66	Preparing to and Directing and Guiding the Movement of Vehicles, Plant or Machinery in the Workplace	12	2	40	A/508/4970

Additional units for all pathways (not compulsory, credit value: N/A)

SQA unit code	Title	Credit value	Level	GLH	Regulated unit code
FX73 68	Moving, Handling and Storing Resources in the Workplace	5	2	17	F/503/1171
HE61 66	Operating Plant or Machinery for Non-operational Activities in the Workplace	10	2	53	D/508/5058