

**GL5G 68 (601/8964/2) — Level 2 NVQ Diploma in Plant Operations
(Construction) (Regulated)**

To achieve this qualification, learners need to complete between 45 and 93 credits in total, depending on the chosen pathway below. This will comprise of 5 credits from the Mandatory Core Units and between 40 and 88 credits from the optional Units.

Mandatory Core Units for all pathways

SQA Unit Number	QCF Unit Number	QCF Level	QCF credit points	SSC Unit Number	Title
FX74 81	A/503/1170	1	2	VR 641	Conforming to General Health, Safety and Welfare in the Workplace
FX6X 68	J/503/1169	2	3	VR 642	Conforming to Productive Working Practices in the Workplace

Pathway 1 — Cranes and Specialist Lifting (Learners must achieve a minimum of 50 credits from ONE of the following Units)

SQA Unit Number	QCF Unit Number	QCF Level	QCF credit points	SSC Unit Number	Title
HE3W 68	M/508/4920	2	80	VR 387Bv2	Preparing and Operating Crawler Cranes (above 10 tonnes) to Lift and Transfer Loads in the Workplace
HE4C 68	Y/508/4930	2	80	VR 387Cv2	Preparing and Operating Tower Cranes to Lift and Transfer Loads in the Workplace
HE4N 68	D/508/4931	2	95	VR 387Dv2	Preparing and Operating Mobile Cranes to Lift and Transfer Loads in the Workplace
HE4W 68	J/508/4955	2	50	VR 387Pv2	Preparing and Operating Crawler-Tractor Side Booms to Lift and Transfer Loads in the Workplace

Pathway 2 — Extracting (Learners must achieve a minimum of 50 credits from ONE of the following Units)

SQA Unit Number	QCF Unit Number	QCF Level	QCF credit points	SSC Unit Number	Title
HE53 68	H/508/4932	2	60	VR 388Av3	Preparing and Operating Draglines to Extract Ground and/or Loose Materials in the Workplace
HE5H 68	T/508/4935	2	80	VR 388Bv3	Preparing and Operating 180 Degree Excavators to Extract and Excavate Ground and Loose Materials in the Workplace
HE3P 68	T/508/4210	2	80	VR 388Dv3	Preparing and Operating Tracked Loading Shovels to Extract Ground and Loose Materials in the Workplace
HE4K 68	A/508/4936	2	80	VR 388Fv3	Preparing and Operating Motorised Scrapers to Extract, Transport and Distribute Materials in the Workplace
HE5A 68	F/508/4937	2	50	VR 388Gv3	Preparing and Operating Trenchers to Extract Ground and/or Loose Materials in the Workplace
HE3Y 68	L/508/4939	2	80	VR 388Jv3	Preparing and Operating 360 Degree Excavators to Extract Ground, Face and/or Loose Materials in the Workplace
HE5C 68	F/508/4940	2	80	VR 388Lv1	Preparing and Operating Crawler Tractor Dozers to Carry Out Dozer Operations in the workplace

Pathway 3 — Excavating (Learners must achieve 50 credits from the following Units)

SQA Unit Number	QCF Unit Number	QCF Level	QCF credit points	SSC Unit Number	Title
HE5H 68	T/508/4935	2	80	VR 388Bv3	Preparing and Operating 180 Degree Excavators to Extract and Excavate Ground and Loose Materials in the Workplace
HE5C 68	F/508/4940	2	80	VR 388Lv1	Preparing and Operating Crawler Tractor Dozers to Carry Out Dozer Operations in the Workplace
HE5T 68	H/508/4946	2	60	VR 389Av3	Preparing and Operating Draglines to Excavate Ground Materials in the Workplace
HE4G 68	K/508/4947	2	80	VR 389Cv3	Preparing and Operating 360 Degree Excavators to Excavate Ground in the Workplace
HE40 68	T/508/4949	2	50	VR 389Dv3	Preparing and Operating Trenchers to Excavate Ground in the Workplace
HE47 68	H/508/5661	2	80	VR 389Fv1	Preparing and Operating Tracked Loading Shovels to Excavate Ground and Loose Materials in the Workplace

Pathway 4 — Constructing and Forming (Learners must achieve a minimum of 52 credits from ONE of the following Units)

SQA Unit Number	QCF Unit Number	QCF Level	QCF credit points	SSC Unit Number	Title
HE3R 68	M/508/4951	2	70	VR 390Av3	Preparing and Operating Graders to Form and Shape Ground and/or Loose Materials in the Workplace
HE5C 68	F/508/4940	2	80	VR 388Lv1	Preparing and Operating Crawler Tractor Dozers to Carry Out Dozer Operations in the Workplace
HE60 68	K/508/4821	2	52	VR 390Dv1	Preparing and Operating Formwork Rigs to Construct and Form in the Workplace

Pathway 5 — Transporting Loads (Learners must achieve 70 credits from the following Mandatory Unit)

SQA Unit Number	QCF Unit Number	QCF Level	QCF credit points	SSC Unit Number	Title
HE48 68	A/508/4953	2	70	VR 391Av3	Preparing and Operating Truck-Mounted Boom Concrete Pumps to Receive, Pump and Discharge Materials in the Workplace

Pathway 6 — Laying and Distributing (Learners must achieve a minimum of 40 credits from ONE of the following Units)

SQA Unit Number	QCF Unit Number	QCF Level	QCF credit points	SSC Unit Number	Title
HE5C 68	F/508/4940	2	80	VR 388Lv1	Preparing and Operating Crawler Tractor Dozers to Carry Out Dozer Operations in the Workplace
HE4R 68	Y/508/4658	2	40	VR 393Av3	Preparing and Operating Soil Stabilisers to Lay and Distribute Materials in the Workplace

Pathway 7 — Road/Rail (minimum of 88 credits)

Mandatory unit for pathway 7 — Road/Rail (Learners must achieve 8 credits from the following Unit) – plus see optional units for pathway 7 below

SQA Unit Number	QCF Unit Number	QCF Level	QCF credit points	SSC Unit Number	Title
HE5K 68	D/508/4959	2	8	VR 398v3	Preparing and Operating Road/Rail Adapted Plant in the Workplace

Pathway 8 — Attachments (minimum of 87 credits)

Mandatory unit for pathway 8 — Road/Rail (Learners must achieve 7 credits from the following Unit) – plus see optional units for pathway 8 below

SQA Unit Number	QCF Unit Number	QCF Level	QCF credit points	SSC Unit Number	Title
HE3V 68	Y/508/4961	2	7	VR 399v3	Preparing and Operating Plant or Machinery Attachments in the Workplace

Optional Units for pathways 7 and 8 (Learners must achieve 80 credits from ONE of the following Units)

SQA Unit Number	QCF Unit Number	QCF Level	QCF credit points	SSC Unit Number	Title
HE5H 68	T/508/4935	2	80	VR 388Bv3	Preparing and Operating 180 Degree Excavators to Extract and Excavate Ground and Loose Materials in the Workplace
HE3P 68	T/508/4210	2	80	VR 388Dv3	Preparing and Operating Tracked Loading Shovels to Extract Ground and Loose Materials in the Workplace
HE3Y 68	L/508/4939	2	80	VR 388Jv3	Preparing and Operating 360 Degree Excavators to Extract Ground, Face and/or Loose Materials in the Workplace
HE5C 68	F/508/4940	2	80	VR 388Lv1	Preparing and Operating Crawler Tractor Dozers to Carry Out Dozer Operations in the Workplace
HE4G 68	K/508/4947	2	80	VR 389Cv3	Preparing and Operating 360 Degree Excavators to Excavate Ground in the Workplace

Pathway 9 — In-shore Marine (minimum of 43 credits)

Mandatory unit for pathway 9 – In-shore Marine (Learners must achieve 36 credits from the following Unit) – plus see optional units for pathway 9 below

SQA Unit Number	QCF Unit Number	QCF Level	QCF credit points	SSC Unit Number	Title
HE50 68	L/508/4973	2	36	VR 403v2	Preparing and Operating Plant or Machinery from a Floating Vessel in the Workplace

Optional Units for pathway 9 (Learners must achieve 7 credits from the following Units)

SQA Unit Number	QCF Unit Number	QCF Level	QCF credit points	SSC Unit Number	Title
HE5N 68	M/508/1600	2	30	VR 387Av2	Preparing and Operating Compact Cranes to Lift and Transfer Loads in the Workplace
HE3W 68	M/508/4920	2	80	VR 387Bv2	Preparing and Operating Crawler Cranes (above 10 tonnes) to Lift and Transfer Loads in the Workplace

Optional Units for pathways 9 (cont)

SQA Unit Number	QCF Unit Number	QCF Level	QCF credit points	SSC Unit Number	Title
HE4N 68	D/508/4931	2	95	VR 387Dv2	Preparing and Operating Mobile Cranes to Lift and Transfer Loads in the Workplace
HE52 68	T/508/1601	2	30	VR 387Ev2	Preparing and Operating Pedestrian Operated Tower Cranes to Lift and Transfer Loads in the Workplace
HE3N 68	F/508/1603	2	30	VR 387Gv2	Preparing and Operating Excavator Cranes to Lift and Transfer Loads in the Workplace
HE45 68	K/508/1644	2	25	VR 387Lv2	Preparing and Operating Telescopic Handlers to Lift and Transfer Loads in the Workplace
HE59 68	D/508/4203	2	30	VR 387Qv2	Preparing and Operating Lorry Loaders or Knuckle Booms to Lift and Transfer Loads in the Workplace
HE5T 68	H/508/4946	2	60	VR 389Av3	Preparing and Operating Draglines to Excavate Ground Materials in the Workplace
HE4G 68	K/508/4947	2	80	VR 389Cv3	Preparing and Operating 360 Degree Excavators to Excavate Ground in the Workplace
HE48 68	A/508/4953	2	70	VR 391Av3	Preparing and Operating Truck-mounted Boom Concrete Pumps to Receive, Pump and Discharge Materials in the Workplace
HE57 68	R/508/4859	2	18	VR 391Ev3	Preparing and Operating Trailer-mounted Concrete Pumps to Receive, Pump and Discharge Materials in the Workplace
HA71 79	D/508/1107	2	14	VR 392Bv3	Preparing and Operating Boom-type Mobile Elevating Work Platforms (MEWP) in the Workplace
HE4A 68	H/508/4753	2	7	VR 400v2	Preparing and Operating Powered Units, Tools or Pedestrian Plant, Machinery or Equipment in the Workplace

Pathway 10 — Erecting and Dismantling (Learners must achieve 51 credits from the following Mandatory Units)

SQA Unit Number	QCF Unit Number	QCF Level	QCF credit points	SSC Unit Number	Title
HE58 68	F/508/4971	2	10	VR 402Av1	Slings and Hand Signalling the Movement of Suspended Loads in the Workplace
HE5F 68	A/508/4984	2	36	VR 404v2	Erecting and Dismantling Plant (cranes and rigs) in the Workplace
FX73 68	F/503/1171	2	5	VR 643	Moving, Handling and Storing Resources in the Workplace

Pathway 11 — Road Plant or Machinery (Learners must achieve 49 credits from the following Mandatory Unit)

SQA Unit Number	QCF Unit Number	QCF Level	QCF credit points	SSC Unit Number	Title
HE5M 68	F/508/4985	2	49	VR 376v3	Preparing, Operating and Controlling Operations of Road Plant or machinery in the Workplace

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

SQA Unit Number	QCF Unit Number	QCF Level	QCF credit points	SSC Unit Number	Title
FX73 68	F/503/1171	2	5	VR 643	Moving, Handling and Storing Resources in the Workplace
HE61 66	D/508/5058	2	10	VR 659	Operating Plant or Machinery for Non-operational Activities in the Workplace