



Lantra Awards Level 2 NVQ
Certificates and Diplomas in Plant
Operations (Construction) Lantra
Awards Level 2 NVQ Diploma in
Controlling Lifting Operations –
Slinger/Signaller (Construction)

Qualification Specification

Version 2

Notice to users

The contents of this document have been carefully researched and are believed to be correct; however, due to the rapid nature of changes to industry, technology and working practices etc. Lantra cannot guarantee the accuracy or completeness of any interpretation or statement made in this document and does not accept liability for such statements or for any incorrect information provided.

This document has been produced to accompany the specified Lantra Awards' course. It is written to give broad guidance and support to users.

It is recommended that users ensure that they remain up to date with changes in industry and working practices by attending regular training or undertaking further CPD.

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Level 2 NVQ Certificates and Diplomas in Plant Operations (Construction)

Level 2 NVQ Diploma in Controlling Lifting Operations – Slinger/Signaller (Construction)

Qualification Specification

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1 Why have these Qualifications been Developed?

The Lantra Awards Level 2 NVQ Certificates in Plant Operations (Construction), Lantra Awards Level 2 NVQ Diplomas in Plant Operations (Construction) and Lantra Awards Level 2 NVQ Diploma in Controlling and Lifting Occupations – Slinger/Signaller (Construction) qualifications have been developed to provide nationally recognised certification for those who operate plant machinery in a construction environment. Unless otherwise stated ‘Lantra Awards Level 2 NVQs in Plant Operations’ refers to **all** of the qualifications in this suite.

These are Competency Based Qualifications (CBQs). These qualifications are based on the National Occupational Standards (NOS) for construction and the built environment, which were set and designed by ConstructionSkills. This ensures that personnel working within the sector meet the minimum required standards. The qualifications will provide Learners with the opportunity to demonstrate their competence in their chosen area of work or job role.

The Lantra Awards Level 2 NVQs in Plant Operations qualifications are set at ‘operative level’ which in the context of this specification is defined as; ‘Those skilled individuals at Level 2 or above (subject to their role) with responsibilities to prepare, operate, manoeuvre and guide plant machinery safely without endangering themselves or others’.

The Lantra Awards Level 2 NVQ Certificates in Plant Operations (Construction) offer the following pathways:

- Cranes and Specialist Lifting
- Fork-lift Trucks
- Extracting
- Transporting Loads
- Work Platforms
- Laying and Distributing
- Compacting
- Processing
- Loading and Securing
- Road/Rail
- Attachments
- Excavating
- Sweeping, Cleaning, Clearing
- Operations Guide
- Movement Guide.

The Lantra Awards Level 2 NVQ Diplomas in Plant Operations (Construction) offer the following pathways:

- Cranes and Specialist Lifting
- Extracting
- Constructing and Forming
- Transporting Loads
- Laying and Distributing
- Road/Rail
- Attachments
- In-shore Marine.

Learners must be assessed against all the learning outcomes and assessment criteria set out in the qualification units. The relevant Lantra Awards Level 2 NVQ(s) in Plant Operations qualification(s) will be awarded to Learners who have been assessed and have demonstrated that they can meet the requirements of the relevant units

This Qualification Specification provides information for approved Lantra Provider employees and Assessors involved in the planning, delivery and assessment of the Lantra Awards Level 2 NVQs in Plant Operations qualifications and should be used in conjunction with Appendix A, Appendix B and the *ConstructionSkills Assessment Strategy for Construction and the Built Environment – Plant Operations and Controlling Lifting Skills*.

2 Who are these Qualifications for?

These qualifications have been designed for individuals to develop their knowledge, understanding and skills in the operation of plant machinery and/or controlling lifting operations and will enable them to work safely, effectively and efficiently in the workplace. It provides the opportunity to achieve a nationally recognised qualification that reflects the recognised occupational standards for the activities they carry out. These qualifications will enhance the ability of personnel to work safely, effectively and efficiently in the workplace, reducing unnecessary risks to themselves and others.

These qualifications will be suitable for those currently in employment looking to enhance/update their skills and is also designed for those looking to progress into work and develop their career.

These qualifications are available for Learners aged 16 and above wishing to develop knowledge, understanding and skills in plant operations and/or controlling and lifting in a construction environment. Sector-specific requirements or regulations may mean that some of these qualifications are not available to Learners under 18.

2.1 Prerequisites

No prior knowledge, understanding, skills or qualifications are required before Learners register for this qualification.

3 What do these Qualifications Cover?

These CBQs are intended to offer Learners who work in, or want to work in, the construction and built environment sector the opportunity to achieve a recognised national qualification that reflects the national standards for the type(s) of role(s) they perform.

The qualifications aim to:

- assess the Learner's knowledge and understanding across a range of plant operations activities
- assess the Learner's ability to effectively operate plant machinery in a construction environment
- assess the Learner's ability to effectively carry out slinger/signaller activities in a construction environment
- assess the Learner's ability to review and develop their own practices and carry out a range of tasks to the required industry standard
- improve awareness of health and safety legislation and how individuals can contribute to the Health and Safety Executive's (HSE) agenda.

Following Ofqual's regulatory requirements these qualifications are approved for the following purpose:

- D. Confirm occupational competence and/or 'licence to practice'

Sub Purpose:

- D1. Confirm competence in an occupational role to the standards required.

3.1 Transferable Skills

These qualifications form part of a wider Lantra Awards' offer. The table below indicates where there are opportunities for Learners to transfer skills to the Lantra Awards Level 2 NVQs in Plant Operations via qualifications and accredited training.

Qualifications		
Qualification title	Entry code	Purpose
Level 2 Award in Fork Lift Truck (Counter Balance)	600/8402/9	These qualifications are aimed at operators who are currently in employment looking to enhance/update their skills or looking to progress into work and develop their career. It has been designed for individuals to develop their knowledge, understanding and skills in the operation of a Counter Balance or Reach type fork-lift truck. It provides the opportunity to achieve a nationally recognised qualification that reflects the NOS for the activities they carry out.
Level 2 Award in Fork Lift Truck (Reach Truck) Operations	603/5476/8	

Training		
Training title	Entry code	Purpose
Slinger/Signaller	CRA01	These courses are aimed at providing operators with the knowledge and skills required to carry out slinging and/or signalling activities or operate plant machinery safely and meet the requirements of the Provision and Use of Work Equipment Regulations (PUWER).
Cranes	CRA03	
Forward Tipping Dumpers	DMP01	
Dump Trucks	DMP03	
180° Excavator	EXC02	
360° Excavator (Tracked)	EXC04	
360° Excavator (Wheeled)	EXC05	
Skid Steer Loader	EXC09	
Loading Shovel	EXC07	
Mobile Elevating Work Platforms (MEWPs)	MEW01	
Ride on Roller	ROL01	
Counterbalance Lift Trucks	FLT05	These courses are aimed at providing operators with the knowledge and skills required to operate lift trucks safely and meet the requirements of PUWER and the HSE <i>Rider-operated lift trucks - Operator training and safe use</i> Approved Code of Practice (ACoP).
Sideloader Lift Trucks	FLT07	
Reach Lift Trucks	FLT09	
Rough Terrain Telescopic Lift Trucks	FLT15	
Industrial Telescopic Lift Trucks	FLT17	
Rough Terrain Masted Lift Trucks	FLT21	

Assessment only courses are also available for the above training courses and can be used as a route to maintaining competence after completion of the relevant Lantra Awards Level 2 NVQ(s) in Plant Operations qualification(s).

4 Qualification Overview

		Where to look for further details			
Qualification aim	The aim of these qualifications is to ensure that the Learner has the knowledge, understanding and skills in plant operations and/or controlling lifting operations in their chosen specialisation. The qualifications will enhance the Learner's ability to work safely, effectively and efficiently in the workplace, thus reducing unnecessary risk to both themselves and others.				Ofqual's Register of Regulatory Qualifications register.ofqual.gov.uk
Qualification purpose	These qualifications will provide Learners involved in plant operations and controlling lifting operations the opportunity to achieve a recognised national qualification that reflects the national standards for the type(s) of role(s) they perform.				
Qualification start date	01/09/2021* *Fork-lift Trucks only - 25/01/2021				
Level	2				
Age group	Pre-16	16–18	18+	19+	
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Entry requirements	<p>There are no barriers that restrict access or progression thereby promoting equal opportunity.</p> <p>These qualifications are not appropriate for those Learners under the age of 16.</p> <p>Learners must be able to read and interpret information provided in English. It is recommended that Learners have a basic knowledge of first aid procedures.</p>				
Prerequisites	None				
Assessment methods	O	Observation of Learner			
	Q&A	Oral or written questioning			
	RA	Personal statement and/or reflective account			
	PD	Professional discussion			
	A	Assignment, project/case study			
	W	Witness statement/testimony			
	EWT	Expert witness testimony			
	RPL	Recognition of prior learning.			

Assessment model	These qualification are internally assessed with external verification. This means that Providers will appoint Assessors and that an Internal Quality Assurer (IQA) is required to provide internal quality assurance prior to External Quality Assurer (EQA) sign off.	
Grading	Pass/Fail	
Is there a skills card available?	No	Guidance Handbook for Providers
Fees	Registration and certification fees can be found in the Product Directory. Prices are subject to review on an annual basis so please contact the sales team if you do not have an up to date copy (sales@lantra.co.uk).	Product Directory; sales team
Related documents	An Assessment Guidance Handbook is available for Providers and Assessors which can be found on the Lantra Awards' website. Other assessment-related paperwork can be located within Quartzweb.	www.lantra.co.uk
How do I register Learners?	Via Quartzweb ordering.lantra.co.uk/Login.aspx	Quartzweb User Guide

4.1 Qualification Guided Learning Hours (GLH) and Total Qualification Time (TQT)

The table below provides the lowest value GLH, TQT and credits for the Lantra Awards Level 2 NVQs in Plant Operations qualifications.

Qualification	GLH	TQT	Credits
Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Cranes and Specialist Lifting)	57	163	16
Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Fork-lift Trucks)	70	210	21
Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Extracting)	70	210	21
Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Transporting Loads)	57	170	17
Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Work Platforms)	57	170	17
Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Laying and Distributing)	100	300	30

Qualification	GLH	TQT	Credits
Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Compacting)	70	210	21
Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Processing)	57	170	17
Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Loading and Securing)	103	310	31
Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Road/Rail)	83	249	25
Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Attachments)	80	240	24
Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Excavating)	84	250	25
Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Sweeping, Cleaning, Clearing)	75	180	18
Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Operations Guide)	77	230	23
Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Movement Guide)	57	170	17
Lantra Awards Level 2 NVQ Diploma in Plant Operations (Construction) (Cranes and Specialist Lifting)	177	550	55
Lantra Awards Level 2 NVQ Diploma in Plant Operations (Construction) (Extracting)	177	543	54
Lantra Awards Level 2 NVQ Diploma in Plant Operations (Construction) (Excavating)	232	598	55
Lantra Awards Level 2 NVQ Diploma in Plant Operations (Construction) (Constructing and Forming)	190	570	57
Lantra Awards Level 2 NVQ Diploma in Plant Operations (Construction) (Transporting Loads)	250	750	75
Lantra Awards Level 2 NVQ Diploma in Plant Operations (Construction) (Laying and Distributing)	150	450	45
Lantra Awards Level 2 NVQ Diploma in Plant Operations (Construction) (Road/Rail)	309	928	93
Lantra Awards Level 2 NVQ Diploma in Plant Operations (Construction) (Attachments)	306	919	92

Qualification	GLH	TQT	Credits
Lantra Awards Level 2 NVQ Diploma in Plant Operations (Construction) (In-shore Marine)	165	485	49
Lantra Awards Level 2 NVQ Diploma in Controlling Lifting Operations - Slinger/Signaller (Construction)	187	430	43

5 Content of Qualifications

5.1 Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Cranes and Specialist Lifting)

This qualification comprises of:

Two mandatory (M) units
 Ten mandatory/optional (MO) units
 Two optional (O) units

Learners must achieve the mandatory units plus one mandatory/optional unit.

*Unit has endorsement options. See 5.27.

Unit reference number	Unit title	M/O/MO	GLH	Credits
J/618/0059	Conforming to general health, safety and welfare in the workplace	M	10	2
A/618/0060	Conforming to productive working practices in the workplace	M	7	3
L/618/0063*	Preparing and operating compact cranes to lift and transfer loads in the workplace	MO	100	30
M/618/0069*	Preparing and operating remote-controlled tower cranes to lift and transfer loads in the workplace	MO	100	30
H/618/0070	Preparing and operating overhead cranes to lift and transfer loads in the workplace	MO	60	18
K/618/0071	Preparing and operating excavator cranes to lift and transfer loads in the workplace	MO	100	30
R/618/0081*	Preparing and operating hoists to lift and transfer loads in the workplace	MO	40	12
M/618/0086*	Preparing and operating lorry loaders or knuckle booms to lift and transfer loads in the workplace	MO	100	30
T/618/0087	Preparing and operating skip handlers to lift and transfer loads in the workplace	MO	60	18
A/618/0088	Preparing and operating container handlers to lift and transfer loads in the workplace	MO	60	18

Unit reference number	Unit title	M/O/MO	GLH	Credits
F/618/0089	Preparing and operating self-propelled modular transporters (SPMT) to lift and transfer loads in the workplace	MO	100	30
T/618/0090	Preparing and operating ergonomic manipulating machines to lift and transfer loads in the workplace	MO	40	11
F/618/0061	Moving, handling and storing resources in the workplace	O	17	5
J/618/0062*	Operating plant or machinery for non-operational activities in the workplace	O	33	10

5.2 Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Fork-lift Trucks)

This qualification comprises of:

- Two mandatory units
- Five mandatory/optional units
- Two optional units

Learners must achieve the mandatory units plus one mandatory/optional unit.

*Unit has endorsement options. See 5.27.

Unit reference number	Unit title	M/O/MO	GLH	Credits
J/618/0059	Conforming to general health, safety and welfare in the workplace	M	10	2
A/618/0060	Conforming to productive working practices in the workplace	M	7	3
M/618/0072	Preparing and operating rough terrain masted forklifts to lift and transfer loads in the workplace	MO	60	18
T/618/0073	Preparing and operating industrial forklift trucks to lift and transfer loads in the workplace	MO	53	16
F/618/0075	Preparing and operating sideloader forklifts to lift and transfer loads in the workplace	MO	53	16
J/618/0076*	Preparing and operating telescopic handlers to lift and transfer loads in the workplace	MO	83	25

Unit reference number	Unit title	M/O/MO	GLH	Credits
R/618/0078	Preparing and operating reach trucks to lift and transfer loads in the workplace	MO	53	16
F/618/0061	Moving, handling and storing resources in the workplace	O	17	5
J/618/0062*	Operating plant or machinery for non-operational activities in the workplace	O	33	10

5.3 Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Extracting)

This qualification comprises of:

- Two mandatory units
- Four mandatory/optional units
- Two optional units

Learners must achieve the mandatory units plus one mandatory/optional unit.

*Unit has endorsement options. See 5.27.

Unit reference number	Unit title	M/O/MO	GLH	Credits
J/618/0059	Conforming to general health, safety and welfare in the workplace	M	10	2
A/618/0060	Conforming to productive working practices in the workplace	M	7	3
J/618/0093	Preparing and operating wheeled loading shovels to extract loose materials in the workplace	MO	87	26
Y/618/0096	Preparing and operating skid steer loaders to extract loose materials in the workplace	MO	67	20
K/618/0099	Preparing and operating loader compressors to extract loose materials in the workplace	MO	53	16
D/618/0102	Preparing and operating suction and vacuum excavators to extract in the work place	MO	167	52
F/618/0061	Moving, handling and storing resources in the workplace	O	17	5

Unit reference number	Unit title	M/O/MO	GLH	Credits
J/618/0062*	Operating plant or machinery for non-operational activities in the workplace	O	33	10

5.4 Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Transporting Loads)

This qualification comprises of:

- Two mandatory units
- Seven mandatory/optional units
- Two optional units

Learners must achieve the mandatory units plus one mandatory/optional unit.

*Unit has endorsement options. See 5.27.

Unit reference number	Unit title	M/O/MO	GLH	Credits
J/618/0059	Conforming to general health, safety and welfare in the workplace	M	10	2
A/618/0060	Conforming to productive working practices in the workplace	M	7	3
L/618/0113*	Preparing and operating forward tipping dumpers to receive, transport and discharge materials in the workplace	MO	53	16
R/618/0114*	Preparing and operating rear tipping dump trucks to receive, transport and discharge materials in the workplace	MO	100	30
Y/618/0115	Preparing and operating tractors with towed equipment for non-agricultural activities in the workplace	MO	67	20
D/618/0116	Preparing and operating trailer-mounted concrete pumps to receive, pump and discharge materials in the workplace	MO	60	18
H/618/0117	Preparing and operating self-propelled bowsers to receive, transport and discharge materials in the workplace	MO	40	12
K/618/0118	Preparing and operating static concrete placing booms to discharge and place materials in the workplace	MO	83	25

Unit reference number	Unit title	M/O/MO	GLH	Credits
M/618/0119	Preparing and operating volumetric trucks to receive and transport materials in the workplace	MO	100	30
F/618/0061	Moving, handling and storing resources in the workplace	O	17	5
J/618/0062*	Operating plant or machinery for non-operational activities in the workplace	O	33	10

5.5 Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Work Platforms)

This qualification comprises of:

- Two mandatory units
- Three mandatory/optional units
- Two optional units

Learners must achieve the mandatory units plus one mandatory/optional unit.

*Unit has endorsement options. See 5.27.

Unit reference number	Unit title	M/O/MO	GLH	Credits
J/618/0059	Conforming to general health, safety and welfare in the workplace	M	10	2
A/618/0060	Conforming to productive working practices in the workplace	M	7	3
H/618/0120	Preparing and operating scissor-type mobile elevating work platforms (MEWP) in the workplace	MO	40	12
K/618/0121*	Preparing and operating boom-type mobile elevating work platforms (MEWP) in the workplace	MO	47	14
M/618/0122	Preparing and operating mast climber-type mobile elevating work platforms (MEWP) in the workplace	MO	40	12
F/618/0061	Moving, handling and storing resources in the workplace	O	17	5

Unit reference number	Unit title	M/O/MO	GLH	Credits
J/618/0062*	Operating plant or machinery for non-operational activities in the workplace	O	33	10

5.6 Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Laying and Distributing)

This qualification comprises of:

- 2 mandatory units
- 3 mandatory/optional units
- 2 optional units

Learners must achieve the mandatory units plus 1 mandatory/optional unit.

*Unit has endorsement options. See 5.27.

Unit reference number	Unit title	M/O/MO	GLH	Credits
J/618/0059	Conforming to general health, safety and welfare in the workplace	M	10	2
A/618/0060	Conforming to productive working practices in the workplace	M	7	3
A/618/0124	Preparing and operating binder spreaders to lay and distribute materials in the workplace	MO	83	25
F/618/0125	Preparing and operating self-propelled spreaders to lay and distribute materials in the workplace	MO	83	25
J/618/0126	Preparing and operating towed scrapers to lay and distribute materials in the workplace	MO	83	25
F/618/0061	Moving, handling and storing resources in the workplace	O	17	5
J/618/0062*	Operating plant or machinery for non-operational activities in the workplace	O	33	10

5.7 Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Compacting)

This qualification comprises of:

Two mandatory units
 Three mandatory/optional units
 Two optional units

Learners must achieve the mandatory units plus one mandatory/optional unit.

*Unit has endorsement options. See 5.27.

Unit reference number	Unit title	M/O/MO	GLH	Credits
J/618/0059	Conforming to general health, safety and welfare in the workplace	M	10	2
A/618/0060	Conforming to productive working practices in the workplace	M	7	3
L/618/0127	Preparing and operating ride-on rollers to compact materials in the workplace	MO	53	16
R/618/0128	Preparing and operating soil compacters to compact materials in the workplace	MO	53	16
Y/618/0129	Preparing and operating landfill compacters to compact materials in the workplace	MO	83	25
F/618/0061	Moving, handling and storing resources in the workplace	O	17	5
J/618/0062*	Operating plant or machinery for non-operational activities in the workplace	O	33	10

5.8 Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Processing)

This qualification comprises of:

Two mandatory units
 Three mandatory/optional units
 Two optional units

Learners must achieve the mandatory units plus one mandatory/optional unit.

*Unit has endorsement options. See 5.27.

Unit reference number	Unit title	M/O/MO	GLH	Credits
J/618/0059	Conforming to general health, safety and welfare in the workplace	M	10	2
A/618/0060	Conforming to productive working practices in the workplace	M	7	3
L/618/0130	Preparing and operating crushers to process materials in the workplace	MO	53	16
R/618/0131	Preparing and operating screeners to process materials in the workplace	MO	40	12
Y/618/0132	Preparing and operating batching plant to process materials in the workplace	MO	40	12
F/618/0061	Moving, handling and storing resources in the workplace	O	17	5
J/618/0062*	Operating plant or machinery for non-operational activities in the workplace	O	33	10

5.9 Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Loading and Securing)

This qualification comprises of:

- Two mandatory units
- Three mandatory/optional units
- One optional unit

Learners must achieve the mandatory units plus one mandatory/optional unit.

*Unit has endorsement options. See 5.27.

Unit reference number	Unit title	M/O/MO	GLH	Credits
J/618/0059	Conforming to general health, safety and welfare in the workplace	M	10	2
A/618/0060	Conforming to productive working practices in the workplace	M	7	3
H/618/0134*	Preparing for, and arranging and securing plant or machinery for transportation in the workplace	M	53	16
J/618/0062*	Operating plant or machinery for non-operational activities in the workplace	MO	33	10

Unit reference number	Unit title	M/O/MO	GLH	Credits
D/618/0133*	Preparing to and directing and guiding the movement of vehicles, plant or machinery in the workplace	MO	40	12
F/618/0061	Moving, handling and storing resources in the workplace	O	17	5

5.10 Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Road/Rail)

This qualification comprises of:

Three mandatory units
 12 mandatory/optional units
 Two optional units

Learners must achieve the mandatory units plus one mandatory/optional unit.

*Unit has endorsement options. See 5.27.

Unit reference number	Unit title	M/O/MO	GLH	Credits
J/618/0059	Conforming to general health, safety and welfare in the workplace	M	10	2
A/618/0060	Conforming to productive working practices in the workplace	M	7	3
K/618/0135*	Preparing and operating road/rail adapted plant in the workplace	M	26	8
K/618/0071	Preparing and operating excavator cranes to lift and transfer loads in the workplace	MO	100	30
M/618/0072	Preparing and operating rough terrain masted forklifts to lift and transfer loads in the workplace	MO	60	18
J/618/0076*	Preparing and operating telescopic handlers to lift and transfer loads in the workplace	MO	83	25

Unit reference number	Unit title	M/O/MO	GLH	Credits
M/618/0086*	Preparing and operating lorry loaders or knuckle booms to lift and transfer loads in the workplace	MO	100	30
J/618/0093	Preparing and operating wheeled loading shovels to extract loose materials in the workplace	MO	87	26
Y/618/0096	Preparing and operating skid steer loaders to extract loose materials in the workplace	MO	67	20
K/618/0099	Preparing and operating loader compressors to extract loose materials in the workplace	MO	53	16
L/618/0113*	Preparing and operating forward tipping dumpers to receive, transport and discharge materials in the workplace	MO	53	16
R/618/0114*	Preparing and operating rear tipping dump trucks to receive, transport and discharge materials in the workplace	MO	100	30
Y/618/0115	Preparing and operating tractors with towed equipment for non-agricultural activities in the workplace	MO	67	20
H/618/0120	Preparing and operating scissor-type mobile elevating work platforms (MEWP) in the workplace	MO	40	12
K/618/0121*	Preparing and operating boom-type mobile elevating work platforms (MEWP) in the workplace	MO	47	14
M/618/0122	Preparing and operating mast climber-type mobile elevating work platforms (MEWP) in the workplace	MO	40	12
F/618/0061	Moving, handling and storing resources in the workplace	O	17	5
J/618/0062*	Operating plant or machinery for non-operational activities in the workplace	O	33	10

5.11 Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Attachments)

This qualification comprises of:

Three mandatory units
13 mandatory/optional units
Two optional units

Learners must achieve the mandatory units plus one mandatory/optional unit.

*Unit has endorsement options. See 5.27.

Unit reference number	Unit title	M/O/MO	GLH	Credits
J/618/0059	Conforming to general health, safety and welfare in the workplace	M	10	2
A/618/0060	Conforming to productive working practices in the workplace	M	7	3
M/618/0136*	Preparing and operating plant or machinery attachments in the workplace	M	23	7
K/618/0071	Preparing and operating excavator cranes to lift and transfer loads in the workplace	MO	100	30
M/618/0072	Preparing and operating rough terrain masted forklifts to lift and transfer loads in the workplace	MO	60	18
J/618/0076*	Preparing and operating telescopic handlers to lift and transfer loads in the workplace	MO	83	25
M/618/0086*	Preparing and operating lorry loaders or knuckle booms to lift and transfer loads in the workplace	MO	100	30
J/618/0093	Preparing and operating wheeled loading shovels to extract loose materials in the workplace	MO	87	26
Y/618/0096	Preparing and operating skid steer loaders to extract loose materials in the workplace	MO	67	20
K/618/0099	Preparing and operating loader compressors to extract loose materials in the workplace	MO	53	16
L/618/0113*	Preparing and operating forward tipping dumpers to receive, transport and discharge materials in the workplace	MO	53	16

Unit reference number	Unit title	M/O/MO	GLH	Credits
R/618/0114*	Preparing and operating rear tipping dump trucks to receive, transport and discharge materials in the workplace	MO	100	30
Y/618/0115	Preparing and operating tractors with towed equipment for non-agricultural activities in the workplace	MO	67	20
H/618/0120	Preparing and operating scissor-type mobile elevating work platforms (MEWP) in the workplace	MO	40	12
K/618/0121*	Preparing and operating boom-type mobile elevating work platforms (MEWP) in the workplace	MO	47	14
M/618/0122	Preparing and operating mast climber-type mobile elevating work platforms (MEWP) in the workplace	MO	40	12
F/618/0061	Moving, handling and storing resources in the workplace	O	17	5
J/618/0062*	Operating plant or machinery for non-operational activities in the workplace	O	33	10

5.12 Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Excavating)

This qualification comprises of:

- Two mandatory units
- Three mandatory/optional units
- Two optional units

Learners must achieve the mandatory units plus one mandatory/optional unit.

*Unit has endorsement options. See 5.27.

Unit reference number	Unit title	M/O/MO	GLH	Credits
J/618/0059	Conforming to general health, safety and welfare in the workplace	M	10	2
A/618/0060	Conforming to productive working practices in the workplace	M	7	3

Unit reference number	Unit title	M/O/MO	GLH	Credits
T/618/0106	Preparing and operating wheeled loading shovels to excavate in the workplace	MO	87	26
F/618/0108	Preparing and operating skid steer loaders to excavate in the workplace	MO	67	20
J/618/0109	Preparing and operating suction and vacuum excavators to excavate in the workplace	MO	167	52
F/618/0061	Moving, handling and storing resources in the workplace	O	17	5
J/618/0062*	Operating plant or machinery for non-operational activities in the workplace	O	33	10

5.13 Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Sweeping, Cleaning, Clearing)

This qualification comprises of:

Three mandatory units

Two optional units

Learners must achieve the mandatory units.

*Unit has endorsement options. See 5.27.

Unit reference number	Unit title	M/O/MO	GLH	Credits
J/618/0059	Conforming to general health, safety and welfare in the workplace	M	10	2
A/618/0060	Conforming to productive working practices in the workplace	M	7	3
J/618/0143*	Preparing and operating plant or machinery to sweep, clean or clear in the workplace	M	58	13
F/618/0061	Moving, handling and storing resources in the workplace	O	17	5
J/618/0062*	Operating plant or machinery for non-operational activities in the workplace	O	33	10

5.14 Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Operations Guide)

This qualification comprises of:

Three mandatory units
Three optional units

Learners must achieve the mandatory units.

*Unit has endorsement options. See 5.27.

Unit reference number	Unit title	M/O/MO	GLH	Credits
J/618/0059	Conforming to general health, safety and welfare in the workplace	M	10	2
A/618/0060	Conforming to productive working practices in the workplace	M	7	3
F/618/0142	Controlling, directing and guiding the operation of plant or machinery in the workplace	M	60	18
F/618/0061	Moving, handling and storing resources in the workplace	O	17	5
J/618/0062*	Operating plant or machinery for non-operational activities in the workplace	O	33	10
A/618/0138*	Setting out secondary dimensional work control in the workplace	O	23	7

5.15 Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Movement Guide)

This qualification comprises of:

Three mandatory units
Two optional units

Learners must achieve the mandatory units.

*Unit has endorsement options. See 5.27.

Unit reference number	Unit title	M/O/MO	GLH	Credits
J/618/0059	Conforming to general health, safety and welfare in the workplace	M	10	2

Unit reference number	Unit title	M/O/MO	GLH	Credits
A/618/0060	Conforming to productive working practices in the workplace	M	7	3
D/618/0133*	Preparing to and directing and guiding the movement of vehicles, plant or machinery in the workplace	M	40	12
F/618/0061	Moving, handling and storing resources in the workplace	O	17	5
J/618/0062*	Operating plant or machinery for non-operational activities in the workplace	O	33	10

5.16 Lantra Awards Level 2 NVQ Diploma in Plant Operations (Construction) (Cranes and Specialist Lifting)

This qualification comprises of:

- Two mandatory units
- Four mandatory/optional units
- Two optional units

Learners must achieve the mandatory units plus one mandatory/optional unit.

*Unit has endorsement options. See 5.27.

Unit reference number	Unit title	M/O/MO	GLH	Credits
J/618/0059	Conforming to general health, safety and welfare in the workplace	M	10	2
A/618/0060	Conforming to productive working practices in the workplace	M	7	3
Y/618/0065	Preparing and operating crawler cranes (above 10 tonnes) to lift and transfer loads in the workplace	MO	265	80
D/618/0066*	Preparing and operating tower cranes to lift and transfer loads in the workplace	MO	267	80
K/618/0068*	Preparing and operating mobile cranes to lift and transfer loads in the workplace	MO	317	95
H/618/0084	Preparing and operating crawler-tractor side booms to lift and transfer loads in the workplace	MO	160	50

Unit reference number	Unit title	M/O/MO	GLH	Credits
F/618/0061	Moving, handling and storing resources in the workplace	O	17	5
J/618/0062*	Operating plant or machinery for non-operational activities in the workplace	O	33	10

5.17 Lantra Awards Level 2 NVQ Diploma in Plant Operations (Construction) (Extracting)

This qualification comprises of:

Two mandatory units
Eight mandatory/optional units
Two optional units

Learners must achieve the mandatory units plus one mandatory/optional unit.

*Unit has endorsement options. See 5.27.

Unit reference number	Unit title	M/O/MO	GLH	Credits
J/618/0059	Conforming to general health, safety and welfare in the workplace	M	10	2
A/618/0060	Conforming to productive working practices in the workplace	M	7	3
A/618/0091	Preparing and operating draglines to extract ground and/or loose materials in the workplace	MO	200	60
F/618/0092*	Preparing and operating 180° excavators to extract and excavate ground and loose materials in the workplace	MO	266	80
L/618/0094	Preparing and operating tracked loading shovels to extract ground and loose materials in the workplace	MO	266	80
D/618/0097	Preparing and operating motorised scrapers to extract, transport and distribute materials in the workplace	MO	267	80
H/618/0098	Preparing and operating trenchers to extract ground and/or loose materials in the workplace	MO	160	49

Unit reference number	Unit title	M/O/MO	GLH	Credits
R/618/0100*	Preparing and operating 360° excavators to extract ground, face and/or loose materials in the workplace	MO	266	80
Y/618/0101*	Preparing and operating crawler tractor dozers to carry out dozer operations in the workplace	MO	266	80
D/618/0102	Preparing and operating suction and vacuum excavators to extract in the work place	MO	167	52
F/618/0061	Moving, handling and storing resources in the workplace	O	17	5
J/618/0062*	Operating plant or machinery for non-operational activities in the workplace	O	33	10

5.18 Lantra Awards Level 2 NVQ Diploma in Plant Operations (Construction) (Excavating)

This qualification comprises of:

- Two mandatory units
- Seven mandatory/optional units
- Two optional units

Learners must achieve the mandatory units plus one mandatory/optional unit.

*Unit has endorsement options. See 5.27.

Unit reference number	Unit title	M/O/MO	GLH	Credits
J/618/0059	Conforming to general health, safety and welfare in the workplace	M	10	2
A/618/0060	Conforming to productive working practices in the workplace	M	7	3
F/618/0092*	Preparing and operating 180° excavators to extract and excavate ground and loose materials in the workplace	MO	266	80
Y/618/0101*	Preparing and operating crawler tractor dozers to carry out dozer operations in the workplace	MO	266	80
H/618/0103	Preparing and operating draglines to excavate ground materials in the workplace	MO	200	60

Unit reference number	Unit title	M/O/MO	GLH	Credits
K/618/0104*	Preparing and operating 360° excavators to excavate ground in the workplace	MO	266	80
M/618/0105	Preparing and operating trenchers to excavate ground in the workplace	MO	215	50
A/618/0107	Preparing and operating tracked loading shovels to excavate ground and loose materials in the workplace	MO	267	80
J/618/0109	Preparing and operating suction and vacuum excavators to excavate in the workplace	MO	167	52
F/618/0061	Moving, handling and storing resources in the workplace	O	17	5
J/618/0062*	Operating plant or machinery for non-operational activities in the workplace	O	33	10

5.19 Lantra Awards Level 2 NVQ Diploma in Plant Operations (Construction) (Constructing and Forming)

This qualification comprises of:

- Two mandatory units
- Three mandatory/optional units
- Two optional units

Learners must achieve the mandatory units plus one mandatory/optional unit.

*Unit has endorsement options. See 5.27.

Unit reference number	Unit title	M/O/MO	GLH	Credits
J/618/0059	Conforming to general health, safety and welfare in the workplace	M	10	2
A/618/0060	Conforming to productive working practices in the workplace	M	7	3
Y/618/0101*	Preparing and operating crawler tractor dozers to carry out dozer operations in the workplace	MO	266	80
A/618/0110	Preparing and operating graders to form and shape ground and/or loose materials in the workplace	MO	233	70

Unit reference number	Unit title	M/O/MO	GLH	Credits
F/618/0111*	Preparing and operating formwork rigs to construct and form in the workplace	MO	173	52
F/618/0061	Moving, handling and storing resources in the workplace	O	17	5
J/618/0062*	Operating plant or machinery for non-operational activities in the workplace	O	33	10

5.20 Lantra Awards Level 2 NVQ Diploma in Plant Operations (Construction) (Transporting Loads)

This qualification comprises of:

Three mandatory units
Two optional units

Learners must achieve the mandatory units.

*Unit has endorsement options. See 5.27.

Unit reference number	Unit title	M/O/MO	GLH	Credits
J/618/0059	Conforming to general health, safety and welfare in the workplace	M	10	2
A/618/0060	Conforming to productive working practices in the workplace	M	7	3
J/618/0112	Preparing and operating truck-mounted boom concrete pumps to receive, pump and discharge materials in the workplace	M	233	70
F/618/0061	Moving, handling and storing resources in the workplace	O	17	5
J/618/0062*	Operating plant or machinery for non-operational activities in the workplace	O	33	10

5.21 Lantra Awards Level 2 NVQ Diploma in Plant Operations (Construction) (Laying and Distributing)

This qualification comprises of:

Two mandatory units
Two mandatory/optional units
Two optional units

Learners must achieve the mandatory units plus one mandatory/optional unit.

*Unit has endorsement options. See 5.27.

Unit reference number	Unit title	M/O/MO	GLH	Credits
J/618/0059	Conforming to general health, safety and welfare in the workplace	M	10	2
A/618/0060	Conforming to productive working practices in the workplace	M	7	3
Y/618/0101*	Preparing and operating crawler tractor dozers to carry out dozer operations in the workplace	MO	266	80
T/618/0123*	Preparing and operating soil stabilisers to lay and distribute materials in the workplace	MO	133	40
F/618/0061	Moving, handling and storing resources in the workplace	O	17	5
J/618/0062*	Operating plant or machinery for non-operational activities in the workplace	O	33	10

5.22 Lantra Awards Level 2 NVQ Diploma in Plant Operations (Construction) (Road/Rail)

This qualification comprises of:

Three mandatory units
Five mandatory/optional units
Two optional units

Learners must achieve the mandatory units plus one mandatory/optional unit.

*Unit has endorsement options. See 5.27.

Unit reference number	Unit title	M/O/MO	GLH	Credits
J/618/0059	Conforming to general health, safety and welfare in the workplace	M	10	2
A/618/0060	Conforming to productive working practices in the workplace	M	7	3
K/618/0135*	Preparing and operating road/rail adapted plant in the workplace	M	26	8
F/618/0092*	Preparing and operating 180° excavators to extract and excavate ground and loose materials in the workplace	MO	266	80
L/618/0094	Preparing and operating tracked loading shovels to extract ground and loose materials in the workplace	MO	266	80
R/618/0100*	Preparing and operating 360° excavators to extract ground, face and/or loose materials in the workplace	MO	266	80
Y/618/0101*	Preparing and operating crawler tractor dozers to carry out dozer operations in the workplace	MO	266	80
K/618/0104*	Preparing and operating 360° excavators to excavate ground in the workplace	MO	266	80
F/618/0061	Moving, handling and storing resources in the workplace	O	17	5
J/618/0062*	Operating plant or machinery for non-operational activities in the workplace	O	33	10

5.23 Lantra Awards Level 2 NVQ Diploma in Plant Operations (Construction) (Attachments)

This qualification comprises of:

- Three mandatory units
- Five mandatory/optional units
- Two optional units

Learners must achieve the mandatory units plus one mandatory/optional unit.

*Unit has endorsement options. See 5.27.

Unit reference number	Unit title	M/O/MO	GLH	Credits
J/618/0059	Conforming to general health, safety and welfare in the workplace	M	10	2
A/618/0060	Conforming to productive working practices in the workplace	M	7	3
M/618/0136*	Preparing and operating plant or machinery attachments in the workplace	M	23	7
F/618/0092*	Preparing and operating 180° excavators to extract and excavate ground and loose materials in the workplace	MO	266	80
L/618/0094	Preparing and operating tracked loading shovels to extract ground and loose materials in the workplace	MO	266	80
R/618/0100*	Preparing and operating 360° excavators to extract ground, face and/or loose materials in the workplace	MO	266	80
Y/618/0101*	Preparing and operating crawler tractor dozers to carry out dozer operations in the workplace	MO	266	80
K/618/0104*	Preparing and operating 360° excavators to excavate ground in the workplace	MO	266	80
F/618/0061	Moving, handling and storing resources in the workplace	O	17	5
J/618/0062*	Operating plant or machinery for non-operational activities in the workplace	O	33	10

5.24 Lantra Awards Level 2 NVQ Diploma in Plant Operations (Construction) (In-shore Marine)

This qualification comprises of:

Three mandatory units
 13 mandatory/optional units
 Two optional units

Learners must achieve the mandatory units plus one mandatory/optional unit.

*Unit has endorsement options. See 5.27.

Unit reference number	Unit title	M/O/MO	GLH	Credits
J/618/0059	Conforming to general health, safety and welfare in the workplace	M	10	2
A/618/0060	Conforming to productive working practices in the workplace	M	7	3
T/618/0140*	Preparing and operating plant or machinery from a floating vessel in the workplace	M	125	37
L/618/0063*	Preparing and operating compact cranes to lift and transfer loads in the workplace	MO	100	30
Y/618/0065	Preparing and operating crawler cranes (above 10 tonnes) to lift and transfer loads in the workplace	MO	265	80
K/618/0068*	Preparing and operating mobile cranes to lift and transfer loads in the workplace	MO	317	95
M/618/0069*	Preparing and operating remote-controlled tower cranes to lift and transfer loads in the workplace	MO	100	30
K/618/0071	Preparing and operating excavator cranes to lift and transfer loads in the workplace	MO	100	30
J/618/0076*	Preparing and operating telescopic handlers to lift and transfer loads in the workplace	MO	83	25
M/618/0086*	Preparing and operating lorry loaders or knuckle booms to lift and transfer loads in the workplace	MO	100	30
H/618/0103	Preparing and operating draglines to excavate ground materials in the workplace	MO	200	60
K/618/0104*	Preparing and operating 360° excavators to excavate ground in the workplace	MO	266	80
J/618/0112	Preparing and operating truck-mounted boom concrete pumps to receive, pump and discharge materials in the workplace	MO	233	70
D/618/0116	Preparing and operating trailer-mounted concrete pumps to receive, pump and discharge materials in the workplace	MO	60	18
K/618/0121*	Preparing and operating boom-type mobile elevating work platforms (MEWP) in the workplace	MO	47	14

Unit reference number	Unit title	M/O/MO	GLH	Credits
T/618/0137*	Preparing and operating powered units, tools or pedestrian plant, machinery or equipment in the workplace	MO	23	7
F/618/0061	Moving, handling and storing resources in the workplace	O	17	5
J/618/0062*	Operating plant or machinery for non-operational activities in the workplace	O	33	10

5.25 Lantra Awards Level 2 NVQ Diploma in Controlling Lifting Operations - Slinger/Signaller (Construction)

This qualification comprises of:

Three mandatory units

Learners must achieve the mandatory units.

*Unit has endorsement options. See 5.27.

Unit reference number	Unit title	M/O/MO	GLH	Credits
J/618/0059	Conforming to general health, safety and welfare in the workplace	M	10	2
A/618/0060	Conforming to productive working practices in the workplace	M	7	3
T/618/8190	Slinging, signalling and the movement of suspended loads in the workplace	M	170	38

5.26 Unit Endorsements

Unit reference number	Unit title	Endorsements
J/618/0062	Operating plant or machinery for non-operational activities in the workplace	Two of the following endorsements required: <ul style="list-style-type: none"> • Hand-operated power tools • Static machinery • Pedestrian controlled power equipment • Tracked plant • Wheeled plant • Rollers.
L/618/0063	Preparing and operating compact cranes to lift and transfer loads in the workplace	One of the following endorsements required: <ul style="list-style-type: none"> • Compact crane – static stabilisers • Compact crane – mobile industrial • Compact crane – luffing static • Compact crane – 360° pick and carry.
D/618/0066	Preparing and operating tower cranes to lift and transfer loads in the workplace	One of the following endorsements required: <ul style="list-style-type: none"> • Tower crane trolley jib – cab controlled • Tower crane trolley jib – remote-controlled • Tower crane luffing jib – cab controlled.
K/618/0068	Preparing and operating mobile cranes to lift and transfer loads in the workplace	One of the following endorsements required: <ul style="list-style-type: none"> • Mobile crane blocked duties • Mobile crane pick and carry duties only • Mobile crane all duties.

Unit reference number	Unit title	Endorsements
M/618/0069	Preparing and operating remote-controlled tower cranes to lift and transfer loads in the workplace	<p>The following endorsements required:</p> <ul style="list-style-type: none"> • Tower crane trolley jib – remote-controlled.
J/618/0076	Preparing and operating telescopic handlers to lift and transfer loads in the workplace	<p>One of the following endorsements required:</p> <ul style="list-style-type: none"> • Telescopic handler industrial telescopic • Telescopic handler up to 9 metres • Telescopic handler all sizes • Telescopic handler all sizes excluding 360° • Telescopic handler all sizes including 360°.
R/618/0081	Preparing and operating hoists to lift and transfer loads in the workplace	<p>One of the following endorsements required:</p> <ul style="list-style-type: none"> • Hoist rack and pinion goods • Hoist passenger/goods combined • Hoist rope operated goods • Hoist transport platform.
M/618/0086	Preparing and operating lorry loaders or knuckle booms to lift and transfer loads in the workplace	<p>One of the following endorsements required:</p> <ul style="list-style-type: none"> • Knuckle boom • Lorry loader hook • Lorry loader clamshell bucket • Lorry loader hydraulic clamp.
F/618/0092	Preparing and operating 180° excavators to extract and excavate ground and loose materials in the workplace	<p>One of the following endorsements required:</p> <ul style="list-style-type: none"> • Excavator 180° crawler and wheeled below 5 tonne • Excavator 180° crawler and wheeled above 5 tonne.

Unit reference number	Unit title	Endorsements
R/618/0100	Preparing and operating 360° excavators to extract ground, face and/or loose materials in the workplace	<p>One of the following endorsements required:</p> <ul style="list-style-type: none"> • Excavator 360° below 10 tonne tracked • Excavator 360° below 10 tonne wheeled • Excavator 360° above 10 tonne tracked • Excavator 360° above 10 tonne wheeled.
Y/618/0101	Preparing and operating crawler tractor dozers to carry out dozer operations in the workplace	<p>One of the following endorsements required:</p> <ul style="list-style-type: none"> • Extract • Excavate • Construct/form • Lay/distribute.
K/618/0104	Preparing and operating 360° excavators to excavate ground in the workplace	<p>One of the following endorsements required:</p> <ul style="list-style-type: none"> • Excavator 360° below 10 tonne tracked • Excavator 360° below 10 tonne wheeled • Excavator 360° above 10 tonne tracked • Excavator 360° above 10 tonne wheeled.
F/618/0111	Preparing and operating formwork rigs to construct and form in the workplace	<p>One of the following endorsements required:</p> <ul style="list-style-type: none"> • Formwork rig slipform vertical • Formwork rig slipform horizontal • Formwork rig climbing/jumping.
L/618/0113	Preparing and operating forward tipping dumpers to receive, transport and discharge materials in the workplace	<p>One of the following endorsements required:</p> <ul style="list-style-type: none"> • Forward tipping dumper wheeled • Forward tipping dumper tracked.

Unit reference number	Unit title	Endorsements
R/618/0114	Preparing and operating rear tipping dump trucks to receive, transport and discharge materials in the workplace	<p>One of the following endorsements required:</p> <ul style="list-style-type: none"> • Dump truck – articulated chassis up to 15 tonne • Dump truck – articulated chassis all sizes • Dump truck – rigid chassis up to 15 tonne • Dump truck – rigid chassis up to 50 tonne • Dump truck – rigid chassis all sizes wheeled • Dump truck – rigid chassis tracked.
K/618/0121	Preparing and operating boom-type mobile elevating work platforms (MEWP) in the workplace	<p>One of the following endorsements required:</p> <ul style="list-style-type: none"> • Mobile elevated working platform boom vehicle mounted • Mobile elevated working platform boom self-propelled.
T/618/0123	Preparing and operating soil stabilisers to lay and distribute materials in the workplace	<p>One of the following endorsements required:</p> <ul style="list-style-type: none"> • Soil stabiliser self-propelled • Soil stabiliser towed.
D/618/0133	Preparing to and directing and guiding the movement of vehicles, plant or machinery in the workplace	<p>One of the following endorsements required:</p> <ul style="list-style-type: none"> • Movement guide marshaller • Loader/securer.

Unit reference number	Unit title	Endorsements
H/618/0134	Preparing for, and arranging and securing plant or machinery for transportation in the workplace	<p>Two of the following endorsements required:</p> <ul style="list-style-type: none"> • Drive and operate • Direct and guide movement • Direct and guide operations • Slinger/signaller • Raised loads. <p>Plus one or more of the following endorsements required:</p> <ul style="list-style-type: none"> • Loader/securer Slinger Signaller non STGO, non LGV • Loader/securer Slinger Signaller non STGO, LGV • Loader/securer Slinger Signaller STGO • Loader/securer movement guide marshaller non STGO, non LGV • Loader/securer movement guide marshaller non STGO, LGV • Loader/securer movement guide marshaller STGO • Loader/securer plant driver non STGO, non LGV • Loader/securer plant driver non STGO, LGV • Loader/securer plant driver STGO.
K/618/0135	Preparing and operating road/rail adapted plant in the workplace	<p>One of the following endorsements required:</p> <ul style="list-style-type: none"> • Road rail – forward tipping dumper • Road rail – MEWP scissor • Road rail – MEWP boom • Road rail – crawler tractor/dozer • Road rail – knuckle boom crane • Road rail – dump truck – articulated chassis

Unit reference number	Unit title	Endorsements
		<ul style="list-style-type: none"> • Road rail – dump truck – rigid chassis • Road rail – excavator 360° wheeled • Road rail – excavator 360° tracked • Road rail – excavator crane • Road rail – crane • Road rail – rough terrain forklift truck • Road rail – telescopic handler • Road rail – agricultural tractor.
M/618/0136	Preparing and operating plant or machinery attachments in the workplace	<p>One of the following endorsements required:</p> <ul style="list-style-type: none"> • Rail thimble • Rail flail • Rail ballast brush • Rail ballast/material movement vacuum unit • Rail hydraulic rail beam • Rail hydraulic sleeper grab • Rail trailer • Rail tamper • Rail vacuum lifter • Rail grapple/log grab • Auger • Sweeper • Pecker/hammer • Mower • Grab • Roller • Mobile work platform • Fork • Lifthook • Bucket • Lifting jib • Crusher.

Unit reference number	Unit title	Endorsements
T/618/0137	Preparing and operating powered units, tools or pedestrian plant, machinery or equipment in the workplace	<p>All of the following endorsements required:</p> <ul style="list-style-type: none"> • Generators • Pumps • Pedestrian operated plant or machines • Mixers • Compressors • Self powered tools.
A/618/0138	Setting out secondary dimensional work control in the workplace	<p>Three or more of the following endorsements required:</p> <ul style="list-style-type: none"> • Lines • Levels • Depths • Areas • Heights • Angles.
T/618/0140	Preparing and operating plant or machinery from a floating vessel in the workplace	<p>Six of the following endorsements required:</p> <ul style="list-style-type: none"> • Lift • Transfer • Extract • Excavate • Construct • Form • Receive • Access • Distribute • Demolish • Process.
A/618/0141	Erecting and dismantling plant (cranes and rigs) in the workplace	<p>One of the following endorsements required:</p> <ul style="list-style-type: none"> • Mobile crane • Crawler crane • Mobile tower crane • Self-erect equipment • Piling rig • Demolition rig • Drilling rig.

Unit reference number	Unit title	Endorsements
J/618/0143	Preparing and operating plant or machinery to sweep, clean or clear in the workplace	<p>One of the following endorsements required:</p> <ul style="list-style-type: none"> • Road sweeper • Pavement sweeper • Self-propelled sweeper • Pedestrian controlled sweeper • Gully cleaner • Gully sucker • Pedestrian controlled cleaner. <p>Plus two of the following:</p> <ul style="list-style-type: none"> • Tipping of lifted materials • Scrub clean • Hose clean, wet sweep • Pressure wash clean • Empty or clear by suction • Blow clear.

5.27 Unit Content

For the unit Learning Outcomes and Assessment Criteria, please refer to Appendix A.

6 Level Descriptors

These qualifications have been accredited at Level 2, this means that upon achieving the qualifications the Learner can be relied upon to possess the skills or knowledge described below.

Level	Knowledge descriptor The Learner has:	Skills descriptor The Learner can:
2	The knowledge and understanding of facts, procedures and ideas in an area of study or field of work necessary to complete well-defined tasks and address straightforward problems. The ability to interpret relevant information and ideas. Awareness of a range of information that is relevant to the area of study or work.	Select and use relevant cognitive and practical skills to complete well-defined, generally routine tasks and address straightforward problems. Identify, gather and use relevant information to inform actions. Identify how effective actions have been.

7 How are these Qualifications Delivered?

In order to deliver these qualifications, you will need to be a Lantra approved Provider. Details of how to become an approved Provider are available by contacting our sales team, sales@lantra.co.uk.

Approved Providers should contact our quality and standards team to register for delivery of the qualification. It is important that Providers are approved on a per-qualification basis as we are required to ensure that we have a quality-assurance strategy in place and it also ensures that Providers receive the support they need. Upon scheme approval, you will receive the relevant documentation for delivery.

Learners must be registered via Quartzweb. Details of this process are available in the Quartzweb User Guide. Providers must submit the required information for Learner registration. Learners should be registered for the qualification once they have been enrolled with the Provider. Failure to register Learners may prevent assessments from taking place. Sanctions may be imposed on Providers if Learners are not registered before the assessment takes place.

Learners will complete the necessary elements of the assessment and be assessed by the internal Assessor. The Provider will complete and send the Certificate Claim Form to Lantra for processing.

Providers are not required to send Learner evidence to Lantra; this should be retained by the Provider. However, Lantra reserves the right to request to see Learner work as part of the quality assurance process, so this should be retained and filed so that it can be easily located.

7.1 Delivery in the UK

The Specification for these qualifications is approved for delivery in the United Kingdom. Ofqual regulates the qualification in England, and they are accredited on the Regulated Qualifications Framework (RQF) and have the following qualification accreditation numbers:

Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Cranes and Specialist Lifting)	603/5705/8
Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Fork-lift Trucks)	603/5706/X
Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Extracting)	603/5707/1
Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Transporting Loads)	603/5708/3
Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Work Platforms)	603/5709/5
Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Laying and Distributing)	603/5710/1
Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Compacting)	603/5711/3
Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Processing)	603/5712/5
Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Loading and Securing)	603/5713/7

Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Road/Rail)	603/5714/9
Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Attachments)	603/5715/0
Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Excavating)	603/5716/2
Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Sweeping, Cleaning, Clearing)	603/5717/4
Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Operations Guide)	603/5718/6
Lantra Awards Level 2 NVQ Certificate in Plant Operations (Construction) (Movement Guide)	603/5719/8
Lantra Awards Level 2 NVQ Diploma in Plant Operations (Construction) (Cranes and Specialist Lifting)	603/5720/4
Lantra Awards Level 2 NVQ Diploma in Plant Operations (Construction) (Extracting)	603/5721/6
Lantra Awards Level 2 NVQ Diploma in Plant Operations (Construction) (Excavating)	603/5722/8
Lantra Awards Level 2 NVQ Diploma in Plant Operations (Construction) (Constructing and Forming)	603/5723/X
Lantra Awards Level 2 NVQ Diploma in Plant Operations (Construction) (Transporting Loads)	603/5724/1
Lantra Awards Level 2 NVQ Diploma in Plant Operations (Construction) (Laying and Distributing)	603/5725/3
Lantra Awards Level 2 NVQ Diploma in Plant Operations (Construction) (Road/Rail)	603/5726/5
Lantra Awards Level 2 NVQ Diploma in Plant Operations (Construction) (Attachments)	603/5727/7
Lantra Awards Level 2 NVQ Diploma in Plant Operations (Construction) (In-shore Marine)	603/5728/9
Lantra Awards Level 2 NVQ Diploma in Plant Operations (Construction) (Erecting and Dismantling)	603/5729/0
Lantra Awards Level 2 NVQ Diploma in Controlling Lifting Operations - Slinger/Signaller (Construction)	603/5730/7

Regulated qualifications are subject to regular reviews to ensure their ongoing regulatory compliance and also to ensure that throughout the life cycle of the qualification the content remains relevant and current.

When the qualifications are deemed no longer suitable, for example if technology has moved on and working practices are no longer relevant, Lantra will advise Providers of a qualification end date. The end date marks the end of registrations. Any Learners registered before this date will be allowed time to complete the qualification. For these qualifications that period will stand as two years.

7.2 Who can Deliver these Qualifications?

Only approved Lantra Providers can deliver these qualifications. For information on becoming approved please contact Lantra via sales@lantra.co.uk or call on 02476 69 69 96.

7.3 Key Safety-critical and Technically Critical Aspects

The assessment requirements for the Lantra Awards Level 2 NVQs in Plant Operations qualifications include the Learner knowing about relevant health and safety legislation and having the ability to operate safely without endangering themselves or others.

Key safety-critical and technically-critical aspects of the Learning Outcomes and Assessment Criteria have been identified within Appendix B to assist the Assessor with assessment decisions during the observation of practical activities. When undertaking practical activities, if the Learner is considered to be at risk of not performing the activity to the required standard or endangering the health and safety of themselves or others, the Assessor may halt the activity and use their professional judgement to restart the activity with the agreement of the Learner.

The Assessor must record the use, reasons and subsequent decision of the key safety-critical and/or technically-critical aspects to halt an activity on the Assessment Report Form (ARF).

In order to achieve their chosen qualification(s) Learners will be assessed on all learning outcomes and must achieve all learning outcomes in order to be certificated.

7.4 Provider Resources

Learners may require access to specific resources for training purposes and to demonstrate competence.

The units of assessment will need to be checked to see what will be assessed ensuring Learners have access to the right equipment to meet assessment requirements. Details of who will be responsible for ensuring the resources are appropriate and who is responsible for ensuring facilities comply with health and safety requirements is required.

As a minimum, Providers should consider resources such as:

- A room suitable for carrying out Learner inductions which includes lighting and power points
- Suitable welfare facilities
- Projector, laptop
- Machinery/equipment applicable to the chosen qualification and any associated documents, including:
 - Evidence of current valid thorough examination (lifting equipment)
 - Maintenance/service records
 - Manufacturer's operator's manual (MOM).
- Suitable and correct Personal Protective Equipment (PPE) for the task(s) being assessed, for example this may include:

- Safety helmet
- Gloves
- Eye protection
- Ear defenders
- Appropriate footwear
- Hi-visibility clothing, as appropriate
- Respiratory protective equipment, as appropriate
- Any other site-specific risk-assessment requirements.

For a full list of resources, Providers should refer to the Product Information Sheet (PIS).

7.5 Quality Assurance and Certification

7.5.1 Quality Assurance of Assessment Decisions

These qualifications are internally assessed and externally quality assured. This means that Providers will need to appoint qualification Assessors to assess Learners and complete assessment paperwork. Where you have more than one Assessor you will need to carry out internal standardisation of each Assessor to ensure that they can apply the assessment criteria consistently and accurately. An IQA will need to be appointed, and they will need to sample assessment decisions across the Assessors. It is also a requirement that regular standardisation activity is carried out with Assessors. The IQA will be responsible for putting this programme into place.

An EQA will be appointed to the Provider and this person will be responsible for sample checking Assessors' assessment recommendations. The EQA will produce a sampling strategy which will determine the number of portfolios to be seen. This strategy involves the consideration of a number of factors such as, size of cohort and number of Assessors. The EQA will produce a sampling record detailing which work they will want to see. It is important to note that although the EQA will view only a sample of work, they may wish to widen the sample. Therefore, all Learner work should be available for inspection.

Lantra operates both on-site and postal external quality assurance for these qualifications. You may not, therefore, always have a visit from an EQA, but a sample may be requested for despatch via post. The principle of quality assurance is the same either way. The EQA will review a sample of work and make a recommendation on the assessment decisions of the cohort as a whole.

Your EQA will contact you to make the necessary arrangements regarding the visit (date, venue etc.) or request the despatch of a sample of work.

Where the EQA is in agreement this decision will be communicated to Lantra and certificate claims will be processed. Where the EQA is not in agreement the reasons will be communicated to the Provider with supportive feedback to help with future assessment decisions. This may result in the need for Learners to retake the assessment.

Occasionally as part of Lantra's ongoing quality assurance strategy an EQA may be accompanied by either Lantra staff or another EQA. This is to ensure that the EQA is following the correct processes.

Where Direct Claim Status (DCS) is in place, Providers will be able to claim certificates before quality assurance has taken place.

Lantra will support Providers when requirements are not met by developing action plans, providing recommendations and, where required, implementing sanctions.

7.5.2 Claiming Certification

Among the assessment documentation Providers need to submit is a completed Certificate Claim Form, which allows Lantra to process the certificates following quality assurance approval.

Once a Learner has completed the assessment requirements and quality assurance has taken place certificates will be issued by Lantra for Providers to distribute to individual Learners.

Where DCS is in place, the certificates will be issued prior to quality assurance taking place.

7.5.3 Replacement Certification

If a Learner loses the original certificate Lantra can issue a replacement. The Learner will need to provide proof of identity (for example passport or driving licence) and the details of the Provider they were registered with. Lantra will check all claims for replacement certificates against the original Certificate Claim Form. The Provider may be contacted for authentication. The certificate will be marked as a replacement. A fee is payable for replacement certificates. Please contact Lantra for the current fee.

7.5.4 Direct Claims Status (DCS)

DCS enables Providers to claim certification directly before external quality assurance has taken place. A claim for DCS can only be made after an EQA has conducted a visit, which may be approximately six months following approval to deliver the qualifications and enough Learners have been progressed by the Provider.

Where an EQA decides a programme is running successfully and the Provider has effective internal controls, recommendation may be made to award the Provider DCS. Where this is granted the Provider must retain all assessment evidence until the EQA has quality assured the work as meeting national standards. DCS will be withdrawn if access is not given to completed Learners' evidence where certificates have already been claimed.

Providers must operate a system which ensures all Assessors assess to the required standard. The IQA will be required to observe each Assessor, retaining evidence of observations which must be made available during EQA visits. The EQA may wish to sample the process and observe Assessors. If the EQA is not confident about the way in which the Provider is operating, they may recommend the suspension or withdrawal of DCS.

DCS does not mean that all claims are certificated without further quality assurance checks. Quality assurance of claims will still take place, and where this suggests that certificates have been incorrectly issued may lead to them being revoked. Providers are required to make all reasonable effort to recover certificates which have been revoked.

Should a Provider be imposed with a Level 2 sanction, DCS will automatically be removed. Further information on sanctions can be found in the Provider Handbook.

7.6 Enquiries About Results and Appeals

Lantra has an Enquiries about Results Policy and Appeals Procedure which can be used when a Learner or Provider has reason to believe there has been an error in either the administrative processes leading to an incorrect qualification award or there has been an issue in the assessment of the Learner. Fees payable for enquiries about results will be refunded in full if the enquiry is upheld or if a Learner's results are changed as a result of an enquiry.

Appeals can be made following the outcome of an enquiry about results if the Learner/Provider remains unhappy with the outcome or has further grounds to query the decision. Please note that appeals will not be accepted before a paid result enquiry has been conducted.

Providers must ensure that Learner consent is obtained before an enquiry about a result is requested. Learners must be informed that assessment outcomes can change both positively and negatively.

Please refer to the Provider Handbook for further details.

7.7 Malpractice and Maladministration

Where malpractice is suspected, especially where there is doubt on the integrity of the assessment process, Lantra will immediately suspend further certification claims whilst an investigation is carried out. The regulatory authorities will be notified of any investigations and their outcome.

The claimant will be required to provide information about the suspected malpractice and the circumstances surrounding the matter. Malpractice, if found, may result in sanctions being imposed on the Provider, certificates being revoked or even Providers being barred from Lantra membership and reported to regulatory authorities.

Maladministration is linked to malpractice and can result in a malpractice investigation being launched. Maladministration could impact on the credibility of the assessment taking place or the outcomes achieved; for example, in the event of a failure to investigate suspected malpractice when asked to do so by Lantra.

Please refer to the Lantra Malpractice and Maladministration Policy for further details.

7.8 Recognition of Prior Learning (RPL)

RPL is defined as 'A method of assessment that considers whether a Learner can demonstrate that they can meet the assessment requirements for a qualification through knowledge, understanding or skills they already possess and do not need to develop through a course of learning.'

It is important that Providers make it clear to Learners that the RPL process is associated with how the Learner has acquired the required knowledge, understanding or skills; it does not mean the Learner will be exempt from the assessment.

It is the responsibility of the Assessor to decide if evidence provided by the Learner is valid, reliable and current, and also meets the relevant assessment criteria. Where the Assessor decides that the RPL does meet the assessment criteria, this must be clearly signposted in the tracking documentation.

It is recommended that Providers refer to the Provider Handbook for further information on the implementation of RPL.

7.9 Safeguarding — Young People and Vulnerable Adults

These qualifications can be offered to Learners in the 16-19 age group, as well as learners aged 19+. The Health and Safety at Work Act 1974 requires employers to ensure the health, safety and welfare at work of their employees and for Providers to safeguard Learners. Young people under the age of 18 can be exposed to risk when using work equipment due to immaturity, lack of experience or lack of awareness of existing or potential risks. Therefore, young people in this age group will need close supervision.

For more information about young people at work, see Management of Health and Safety at Work Regulations 1999.

7.10 Additional Requirements and Reasonable Adjustments

Providers are expected to make appropriate arrangements, including reasonable adjustments. These are detailed in the Equality and Diversity Policy within the Provider Handbook, to ensure that Learners with additional needs can access assessment wherever possible. The Equality and Diversity Policy covers alternative assessment arrangements which can be made for Learners.

Reasonable adjustments must not, however, result in a change to the learning outcomes and assessment criteria. For example, within these qualifications Learners must understand product information, which includes being able to interpret signage on-site written in English.

A Provider must apply to Lantra for reasonable adjustments using the **Reasonable Adjustments Request Form**. Lantra recommends reasonable adjustment requests be submitted no later than six weeks prior to any assessment taking place, to allow a decision on their suitability to be made before the assessment. However, Lantra recognises that this may not always be possible, and we will do our best to process requests received after this point.

Please note that no reasonable adjustment (other than those on the specified list) should be implemented without the prior approval of Lantra. Where reasonable adjustments appear on the specified list these should be noted on the Assessment Report Form.

8 What does a Provider need to do?

8.1 Management Support

Experience has shown that qualification programmes run more effectively when given support by senior management. This can be achieved by appointing a person from the senior management team or a designated Qualification Manager and ensuring they are given the authority to monitor the quality management systems for the programme and to implement any required changes. This role is separate from the required role of an IQA.

Management support can be demonstrated by ensuring that appropriate team members are allocated to the programme and given sufficient time and resources to carry out their roles effectively.

8.2 Provider Records

Providers are required to retain Learner records, which include the details listed below. Providers may already have their own systems which can be used to store records. If the necessary information is accessible and conforms to the requirements below, then no further records need to be created. Lantra does not prescribe the format in which records are kept.

Provider records must include:

- data about individual Learners, including any special needs
- assessment and action plans
- Learner registration
- achievement of units
- feedback given to Learners by Assessors
- Learners' evidence sampled by IQAs
- feedback given to Assessors by IQAs
- Learner induction plan
- action plans provided by the EQA.

All records must be stored securely to avoid being falsified or fraudulent claims being made. All assessment records must be retained by the Provider for at least **three years** after the Learner has completed the assessment. If the programme is subject to an EQA visit/ approval sign off, then the records should be retained for three years after this date. It is the responsibility of the Provider to ensure that data is cleansed at the appropriate time.

There is no prescribed format for these records and Providers may wish to incorporate them into documentation they already maintain within their own organisation. If the Provider already works to quality management systems such as the Scottish Quality Management System (SQMS), the ISO 9001 series or is required to maintain records for government-funded training schemes, that documentation will almost certainly provide an adequate basis for Provider records.

Providers may also need to adhere to separate requirements, where appropriate, with regard to the retention of records such as funding applications. Please refer to the specific requirements of the funding agency.

8.3 Support for Learners

Learners will need to follow an induction programme when enrolled on the qualifications. This should be designed around a particular element or unit of the qualifications so that they become familiar with the way the qualifications operate.

Many Learners will already have pre-existing skills and knowledge. A system will need to be introduced to identify these skills and how evidence from prior achievements can be recorded — see section 7.8 Recognition of Prior Learning.

Throughout the programme Tutors and/or Instructors should aim to provide feedback to Learners on how they are progressing through the qualification to ensure that on the day of any assessment they are ready for the requirements of the question paper or practical assessment to be used as evidence. Feedback should be positive, constructive and used for future planning.

Some Providers will have staff working in education support; in others, Assessors may offer this support. It is important for each Learner to have appropriate guidance and be directed towards additional information as required. Guidance on career opportunities may also be appropriate.

Learners with particular characteristics may need additional support from the Provider/Instructor. Refer to Lantra's Equality and Diversity Policy for further information relating to reasonable adjustments/special considerations. Learners with certain protected characteristics should not be discriminated against or prohibited from assessment where adjustments can be made to the assessment evidence requirements which would allow them to demonstrate competence or knowledge in different ways.

Learners must be informed when they have been registered for a qualification. It is also a regulatory requirement that Lantra be informed if a Learner later withdraws from a qualification. Providers must also ensure that Learners are informed when they have been withdrawn from a qualification for any reason and retain evidence of this.

Learners will not be recognised by Lantra until they have been registered and Lantra will have no obligation to the Learners if there is a problem with them completing the qualification, such as in the case that the Provider ceases operations.

If for any reason a Provider is not intending to renew their membership whilst they still have uncertified Learners registered on a qualification, regulatory requirements stipulate that Learner interests must be maintained. The Provider may choose to transfer Learners to another awarding organisation, or the Provider will still be required to complete the assessment of Learners with Lantra and pay any fees due for quality assurance or certification.

9 Administration and Other Important Information

9.1 Administration Process for Registration and Certification

The Quartzweb User Guide contains instructions on how to register Learners.

Learners may transfer registration from one unit/qualification to another provided they are both offered by Lantra. This will incur an administration fee. If the registration fee for the new qualification is higher than for the previous one, Providers will be invoiced for the difference. No refunds will be made if the registration fee for the new qualification is lower. Learners transferring to a different Provider must re-register with the new Provider. Lantra may need to charge the Learner's new Provider an administration fee.

Learners must be informed when they have been registered for a qualification.

9.1.1 Registering the Learner

Learners **must** be registered for a qualification before an assessment can take place. Please refer to the Quartzweb User Guide for details on how to register Learners.

Each Learner must give their surname/family name, first name, date of birth and postcode. The date of birth is important to distinguish between Learners with the same name. Data on gender, ethnic origin and whether any reasonable adjustments have been requested whilst not mandatory are beneficial so that achievements can be monitored for equal opportunities purposes and to ensure fair access to training and qualifications is achieved.

9.1.2 Certificate Claims

Certificates can only be claimed for Learners who are registered on Quartzweb. All certificate claims are checked against Provider approval records and Learner registration records (unless DCS is in place). Certificates will not be issued to Learners who are not registered before any assessment takes place.

The Learner name will appear on the certificate in the same way as it is entered on Quartzweb.

Providers must issue the certificate to the Learner as soon as is practically possible, it is not permissible to withhold the distribution of the certificate where there is a dispute over any fees payable.

9.1.3 Regulatory Authorities

Occasionally Ofqual (the qualification regulator) may visit Providers and require access to premises, meetings, Learner assessment records, internal verification records, documents, data, Learners and staff. If Providers refuse access, Lantra will be required to suspend all future certificate claims until the requirements of the regulatory visit have been satisfied.

9.2 Assessment Strategy

This Qualification Specification is supported by the *ConstructionSkills Assessment Strategy for Construction and the Built Environment – Plant Operations and Controlling Lifting Skills*.

Providers and Assessors (and IQAs where appropriate) must ensure that they are familiar with the Qualification Specification, Assessment Strategy and the requirements of the qualifications.

Unit and qualification assessment requirements set out the scope of evidence required in terms of equipment, services, statutory regulations and industry standards and systems.

9.2.1 Methods of Assessment

These qualifications are assessed via the production of a portfolio of evidence. The list below provides examples of the types of evidence which may be contained within the portfolio:

- Observation of Learner
- Oral or written questioning
- Personal statement and/or reflective account
- Professional discussion
- Assignment, project/case study
- Witness statement/testimony
- Expert witness testimony
- Recognised prior learning.

9.2.2 Assessment Requirements

- For practical observations competence must be demonstrated and evidenced
- The Assessor may decide that further observations are required to ensure that all assessment criteria have been met
- Assessors must be capable of identifying when competence has been demonstrated by the Learner based on their own professional judgement
- The evidence is sufficient when the Assessor judges the requirements of the qualification have been met and competence has been demonstrated by the Learner
- Any submitted evidence must support skills, knowledge and understanding attained through performance in the workplace for at least a 6 month period
- Although there are no formal limits set on the number of assessment opportunities provided, Providers may wish to set guidelines for the length of time or amount of tuition offered to Learners for financial or logistical reasons, taking into account the stated key safety-critical and technically critical aspects of the assessment.

Taken as a whole, the evidence must show that the Learner consistently meets all the learning outcomes and assessment criteria across the units being assessed.

There must be workplace evidence against each of the learning outcomes and assessment criteria. Where the workplace evidence does not cover the whole unit, knowledge evidence must be provided to cover the remaining items for each of the relevant learning outcomes and assessment criteria.

Knowledge evidence may be established from questioning the Learner or professional interview assessment, that has been matched to the requirements of the NOS. Such assessments should also have their own independent external assessment, moderation or verification. A Learner's knowledge and understanding can also be demonstrated through presented performance evidence.

Simulations are not considered to be acceptable for producing this evidence. However, a practical skills-based test for an operator with extensive experience is an acceptable alternative for producing evidence where the operator is prevented from gathering direct evidence from the workplace in the normal way. Section 2 of the *Construction Skills Assessment Strategy for Construction and the Built Environment – Plant Operations and Controlling Lifting Operations* contains further details on the use and content of a practical skills-based test.

9.2.3 Access to Assessment

- Learners should not be put forward for an assessment until they are deemed ready to be assessed
- This can be demonstrated through an evaluation of the Learner's previous training and experience
- This underpins the assumption that the Learner has sufficient technical expertise, knowledge, skill and maturity to meet the assessment requirements
- Key considerations for evaluation of the Learner's previous training and experience include:
 - Health and safety considerations
 - Knowledge of plant operations and/or controlling lifting operations legislation.

9.3 Funding

Approved qualifications may be eligible for funding from either the Education and Skills Funding Agency (ESFA) or equivalent bodies in Wales and Northern Ireland. The qualifications are listed on The Ofqual Register of Regulated Qualifications and the Learning Records Service (LRS). Funding may be available to organisations which meet the requirements of the relevant agency.

In order for the funding to be linked to the Learner, a Unique Learner Number (ULN) must be provided. This should be entered in the ULN field when registering the Learner on Quartzweb. For information on how to obtain ULNs for your Learners, please refer to the LRS guidance www.gov.uk/education/learning-records-service-lrs.

9.4 Feedback, Compliments and Complaints

Lantra recognises that from time to time Providers, Learners, Assessors and other personnel may have reason to provide feedback on a process or have grounds for a complaint. We would also welcome compliments when aspects of our courses have been well received so that we can seek to implement best practice across our suite of products. The Lantra Feedback, Compliments and Complaints Procedure is published on the Lantra Awards' website.

Appendix 1 – Glossary of Terms

Knowledge	Factual information that can be recalled as required. Individual can (for example) 'identify' and/or 'describe' key information relevant to the subject area.
Understanding	The application and extension of knowledge allowing organised thought, the generation of original ideas and critical thinking. Individual can (for example) 'explain', 'analyse' and/or 'evaluate'.
Skill	The application of knowledge and/or understanding in a practical context demonstrating practical competency. Individual can (for example) 'operate', 'use' and/or 'carry out'.
Learning outcome	How the Learner will be changed by the learning/assessment process. That which the Learner will, due to learning experiences, newly know, understand or be able to do.
Assessment criteria	Discrete criteria which holistically deliver on the promised objective of the qualification and which must all be evidenced to a unified (and/or graded) standard.
Qualification objective	A succinct summation of the overarching development of the Learner in terms of tangible work or further developmental opportunities available as a result of achieving this qualification.
Qualification aim	A succinct summation of why this qualification is of value to the Learner (without reference to assessment).
Assessment guidance	Guidance used to advise centres on a general level of expectation rather than to prescribe a definitive list of evidence.
Transferable	Knowledge, understanding or skills which can be applied beyond the context in which they were taught to benefit the Learner in different job roles, industries, contexts and/or personal situations.
Guided learning hours (GLH)	Approximate number of hours under immediate guidance or supervision of a lecturer, supervisor, tutor or teacher.
Directed study	An estimate of the number of hours a Learner will reasonably be likely to spend in preparation, study or any other form of participation in education or training, including assessment, which takes place as directed by – but, unlike Guided Learning, not under the immediate Guidance or Supervision of – a lecturer, supervisor, tutor or other appropriate provider of education or training.

Total qualification time (TQT)	Guided learning hours + directed study + assessment.
Arrangements for reasonable adjustments	Adjustments made to an assessment for a qualification so as to enable a Learner with additional requirements to demonstrate his/her attainment to the level required.
Arrangements for special consideration	Special consideration might be given to a Learner who has temporarily experienced: <ul style="list-style-type: none"> • an illness or injury • some other event outside of the Learner's control which has had a material effect on the Learner's ability to take an assessment or demonstrate his/her attainment.
Recognition of prior learning/Recognised prior learning	A method of assessment that considers whether a Learner can demonstrate that they meet the assessment requirements for a unit through knowledge, understanding or skills they already possess and do not need to develop through a course of learning.

Clarification on NOS and NVQ unit content terminology can be found in Appendix 2 of the *ConstructionSkills Assessment Strategy for Construction and the Built Environment – Plant Operations and Controlling Lifting Operations*.

Appendix 2 – Exemplar ARF

Ensure the Learner name,
Provider name, venue and
order ID are completed

Assessment Report Form Level 2 NVQs in Plant Operations



Unit title	Conforming to general health, safety and welfare in the workplace	Unit reference number	J/618/0059
Learner name	<i>Joe Bloggs</i>	ULN*	<i>n/a</i>
Provider name	<i>Lantra</i>	Venue	<i>Lantra House, Stoneleigh Park</i>
Order ID	<i>12345</i>		

*if applicable

Assessment method key:

O = observation of learner, Q&A = oral or written questioning; RA = personal statements and/or reflective accounts, PD = professional discussion, A = assignment, project/case study, W = witness statement/testimony, EWT = expert witness testimony; RPL = recognised prior learning

Learning outcome The Learner will:	Assessment criteria The Learner can:	Assessment method	Portfolio reference	Date
1. Comply with all workplace health, safety and welfare legislation requirements	1.1. Comply with information from workplace inductions and any health, safety and welfare briefings attended relevant to the occupational area.	<i>PD</i>	<i>1A</i>	<i>01/04/2020</i>
	1.2. Use health and safety control equipment safely to carry out the activity in accordance with legislation and organisational requirements.	<i>O</i>	<i>1C</i>	<i>01/04/2020</i>

Insert the date the assessment of the evidence took place

Indicate the assessment method(s) used to assess the Learner

Indicate where in the Learner's portfolio the evidence can be located

	1.3. Comply with statutory requirements, safety notices and warning notices displayed within the workplace and/or on equipment.	<i>PD, O</i>	<i>1A, 1C</i>	<i>01/04/2020</i>
	1.4. State why and when health and safety control equipment, identified by the principles of protection, should be used relating to types, purpose and limitations of each type, the work situation, occupational use and the general work environment, in relation to: <ul style="list-style-type: none"> • collective protective measures • personal protective equipment (PPE) • respiratory protective equipment (RPE) • local exhaust ventilation (LEV). 	<i>PD</i>	<i>1A</i>	<i>01/04/2020</i>
	1.5. State how the health and safety control equipment relevant to the work should be used in accordance with the given instructions.	<i>PD</i>	<i>1A</i>	<i>01/04/2020</i>
	1.6. State which types of health, safety and welfare legislation, notices and warning signs are relevant to the occupational area and associated equipment.	<i>PD</i>	<i>1A</i>	<i>01/04/2020</i>
	1.7. State why health, safety and welfare legislation, notices and warning signs are relevant to the occupational area.	<i>PD</i>	<i>1A</i>	<i>01/04/2020</i>

	1.8. State how to comply with control measures that have been identified by risk assessments and safe systems of work.	PD	1A	01/04/2020
2. Recognise hazards associated with the workplace that have not been previously controlled and report them in accordance with organisational procedures	2.1. Report any hazards created by changing circumstances within the workplace in accordance with organisational procedures.	O	1C	01/04/2020
	2.2. List typical hazards associated with the work environment and occupational area in relation to resources, substances, asbestos, equipment, obstructions, storage, services and work activities.	Q&A	1B	09/04/2020
	2.3. List the current Health and Safety Executive top ten safety risks.	Q&A	1B	09/04/2020
	2.4. List the current Health and Safety Executive top five health risks.	Q&A	1B	09/04/2020
	2.5. State how changing circumstances within the workplace could cause hazards.	Q&A	1B	09/04/2020
	2.6. State the methods used for reporting changed circumstances, hazards and incidents in the workplace.	PD	1A	01/04/2020
3. Comply with organisational policies and procedures to contribute to health, safety and welfare	3.1. Interpret and comply with given instructions to maintain safe systems of work and quality working practices.	O	1D	14/04/2020

	3.2. Contribute to discussions by offering/providing feedback relating to health, safety and welfare.	PD	1E	21/04/2020
	3.3. Contribute to the maintenance of workplace welfare facilities in accordance with workplace welfare procedures.	0	1D	14/04/2020
	3.4. Safely store health and safety control equipment in accordance with given instructions.	0	1D	14/04/2020
	3.5. Dispose of waste and/or consumable items in accordance with legislation.	0	1D	14/04/2020
	3.6. State the organisational policies and procedures for health, safety and welfare, in relation to: <ul style="list-style-type: none"> • dealing with accidents and emergencies associated with the work and environment • methods of receiving or sourcing information • reporting • stopping work • evacuation • fire risks and safe exit procedures • consultation and feedback. 	PD	1E	21/04/2020
	3.7. State the appropriate types of fire extinguishers relevant to the work.	PD	1E	21/04/2020

	3.8. State how and when the different types of fire extinguishers are used in accordance with legislation and official guidance.	PD	1E	21/04/2020
4. Work responsibly to contribute to workplace health, safety and welfare whilst carrying out work in the relevant occupational area	4.1. Demonstrate behaviour which shows personal responsibility for general workplace health, safety and welfare.	O	1D	14/04/2020
	4.2. State how personal behaviour demonstrates responsibility for general workplace health, safety and welfare, in relation to: <ul style="list-style-type: none"> • recognising when to stop work in the face of serious and imminent danger to self and/or others • contributing to discussions and providing feedback • reporting changed circumstances and incidents in the workplace • complying with the environmental requirements of the workplace. 	PD	1E	21/04/2020
	4.3. Give examples of how the behaviour and actions of individuals could affect others within the workplace.	PD	1E	21/04/2020

5. Comply with and support all organisational security arrangements and approved procedures	5.1. Provide appropriate support for security arrangements in accordance with approved procedures:	0	1F	21/04/2020
	<ul style="list-style-type: none"> • during the working day • on completion of the day's work • for unauthorised personnel (other operatives and the general public) • for theft. 			
	5.2. State how security arrangements are implemented in relation to the workplace, the general public, site personnel and resources.	PD, 0	1E, 1F	21/04/2020

I confirm that the evidence provided is a result of my own work.

Signature of Learner:	<i>J Bloggs</i>	Date:	21/04/2020
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Ensure the Learner signature and date have been entered

I confirm that the Learner has met all of the assessment criteria for this unit in full.

Assessor name	<i>Jon Doe</i>	Signature	<i>J Doe</i>	Date:	21/04/2020
IQA name (if sampled)		Signature		Date:	
EQA name (if sampled)		Signature		Date:	

Ensure the Assessor name, signature and date have been entered



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