

# Qualification Information

## *Lift Truck Maintenance and Repair*



June 2011

## Apprenticeships Explained

The purpose of this section is to explain and provide a clear understanding of the components that make up the apprenticeship for Lift Truck Maintenance and Repair.

## Description of Apprenticeship Framework

The Framework specifies the main components set by the awarding body which include:

- VCQ Levels 2 & 3
- Technical Certificate Levels 2 & 3
- Functional Skills/Key Skills Level 1 & 2 (Maths, English & ICT)

## Lift Truck Learner Journey

There is one route within this qualification at Level 2 & 3

### Lift Truck Learner Journey VCQ Level 2

The Lift Truck VCQ is based upon Mandatory (M) and Optional (O) units which can be chosen depending upon the learners ability (usually determined by the position held and responsibilities) to prove competence within the area. It also enables employers to choose areas which they wish to focus on improving competence.

**A minimum of 103 credits is required to achieve the Level 2 in Lift Truck. 29 credits from 6 mandatory units, 64 credits from 11 mandatory specialist units and a minimum of 10 credits from 1 'set' of optional units.**

<b>Group A: Mandatory Units</b>	<b>Credits</b>
G0102C - Competency in Health, Safety and Good Housekeeping in the Automotive Environment	7
G0102K - Knowledge in Health, Safety and Good Housekeeping in the Automotive Environment	3
G3C - Competency in supporting job roles in the Automotive Environment	5
G3K - Knowledge in supporting job roles in the Automotive Environment	3
G4K - Knowledge of Materials, Fabrication, Tools and Measuring Devices used in the Automotive Environment	4
G4S - Skills in Materials, Fabrication, Tools and Measuring Devices used in the Automotive Environment	7

<b>Group B: Mandatory Specialist Units</b>	<b>Credits</b>
LT01C - Competency in Routine Lift Truck Maintenance	7
LT01K - Knowledge in Routine Lift Truck Maintenance	2
LT02C - Competence in Removing and Replacing Lift Truck Power Plants Units and Components	10
LT02.1K - Knowledge of Lift Truck Power Plant, Lubrication, and Cooling System Units and Components	3
LT02.2K - Knowledge of Lift Truck, Fuel, Ignition, Air & Exhaust System Units and Components	3
LT03C - Competency in Removing and Replacing Lift Truck Electrical Units and Components	10
LT03K - Knowledge in Removing and Replacing Lift Truck Electrical Units and Components	6
LT04C - Competency in Removing and Replacing Lift Truck Mechanical Handling, Chassis Units and Components	10
LT04K - Knowledge in Removing and Replacing Lift Truck Mechanical Handling, Chassis Units and Components	6
LT0506 - Knowledge of Inspecting Lift Trucks	3
LT05 - Competency in Inspecting Lift Trucks Using Prescribed Methods	4

<b>Group C: Optional Units</b>	<b>Credits</b>
G8C - Competency in Identifying and Agreeing Motor Vehicle Customer Service Needs	5
G8K - Knowledge in Identifying and Agreeing Motor Vehicle Customer Service Needs	5
LT12C - Competency in Removing and Replacing Lift Truck Driveline Units and Components	10
LT12K - Knowledge of Removing and Replacing Lift Truck Driveline Units and Components	6

### Lift Truck Learner Journey VCQ Level 3

The Lift Truck VCQ is based upon Mandatory (M) and Optional (O) units which can be chosen depending upon the learners ability (usually determined by the position held and responsibilities) to prove competence within the area. It also enables employers to choose areas which they wish to focus on improving competence.

**A minimum of 104 credits is required to achieve the Level 3 in Lift Truck. 39 credits from 8 mandatory units, 55 credits from 8 mandatory specialist units and a minimum of 10 credits from 1 'set' of optional units.**

<b>Group A: Mandatory Units</b>	<b>Credits</b>
G0102C - Competency in Health, Safety and Good Housekeeping in the Automotive Environment	7
G0102K - Knowledge in Health, Safety and Good Housekeeping in the Automotive Environment	3
G3C - Competency in supporting job roles in the Automotive Environment	5
G3K - Knowledge in supporting job roles in the Automotive Environment	3
G4K - Knowledge of Materials, Fabrication, Tools and Measuring Devices used in the Automotive Environment	4
G4S - Skills in Materials, Fabrication, Tools and Measuring Devices used in the Automotive Environment	7
G6C - Competency in Making Learning Possible Through Demonstrations and Instructions	5
G6K - Knowledge of How to Make Learning Possible Through Demonstrations and Instructions	5

<b>Group B Mandatory Specialist Units</b>	<b>Credits</b>
AE06LTC - Competency in Diagnosing and Rectifying Lift Truck Electrical Units and Components Faults	10
AE06LTK - Knowledge of Diagnosing and Rectifying of Lift Truck Electrical Units and Components Faults	6
LT0506 - Knowledge of Inspecting Lift Trucks	3
LT06C - Competency Required to Inspect Lift Trucks to Comply with Legal Requirements	4
LT07C - Competency in Diagnosing and Rectifying Lift Truck Power Plant Engine Unit Faults	10
LT07K - Knowledge of Diagnosing and Rectifying Lift Truck Power Plant Engine Unit Faults	6
LT08C - Competency in Diagnosing and Rectifying Lift Truck Mechanical Handling and Chassis System Faults	10
LT08K - Knowledge of Diagnosing and Rectifying Lift Truck Mechanical Handling and Chassis System Faults	6

<b>Group C: Optional Units</b>	<b>Credits</b>
G8C - Competency in Identifying and Agreeing Motor Vehicle Customer Service Needs	5
G8K - Knowledge of How to Identify and Agreeing Motor Vehicle Customer Service Needs	5
LT13C - Competency in Diagnosing and Rectifying Lift Truck Transmission and Driveline Faults	10
LT13K - Knowledge of Diagnosis and Rectification of Lift Truck Transmission and Driveline Faults	6

### **Technical Certificate for Lift Truck Maintenance and Repair**

The Technical Certificate in Lift Truck is a parallel qualification which provides the knowledge requirements for the apprenticeship. Each unit has a set of guided learning hours to achieve. There will be practical assessments, written assessments and online examinations to determine knowledge retention.

### **Functional Skills / Key Skills**

Functional skills / Key skills are designed to complement the apprenticeship and allow the learner to carry out essential tasks effectively in Maths, English and Information and Communication Technology (ICT). These are delivered at Level 1 when completing an apprenticeship at Level 2 with progression to Level 2 for an advanced apprenticeship at Level 3.

### **Delivery Model**

The majority of the Technical Certificate and all Functional Skills will be delivered via a block or day release programme in partnership with one of our local centres of excellence. Lift Truck specific Technical Certificate training will be conducted at a dedicated Lift Truck training centre during 2 additional block release weeks throughout each year.

The VCQ is assessed in the workplace by an experienced Remit assessor who will carry out the observations and give one to one coaching to encourage progression.

All visits will be arranged in advance with the appropriate manager or supervisor to ensure that the visit is convenient, any policies and procedures for on-site visits are followed and observation opportunities to gain evidence will be maximised whilst the assessor is at the employer's premises.

**Timescales**

The apprenticeship at Level 2 will take 24 months to complete.

The advanced apprenticeship at Level 3 will take 12 months to complete.

This timescale is based on a day release programme of 1 college day per week which most of our centres of excellence offer.

For employers requiring further information on this or any other Remit training course  
please contact 0115 9759550

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