



Summary of the:

## GQA LEVEL 2 NVQ DIPLOMA IN CONSTRUCTION OPERATIONS AND CIVIL ENGINEERING - HIGHWAYS MAINTENANCE

601/8294/5

### Who is this qualification for?

This qualification is aimed at those who have responsibility for carrying out Construction operations and Civil Engineering work that is related to Highways Maintenance in the workplace. Because of the wide range of Highways Maintenance related work it is not expected that all candidates will carry out the same activities; the qualification is structured to ensure that there is a high degree of flexibility within the units available, there are 8 pathways to cover a range of tasks that come under the following broad headings; Modular Pavement Construction, Drainage Construction, Excavation and Reinstatement, Flexible pavement Construction, Structural Concreting, Non-structural Concreting, Laying Kerbs and Channels and General Building Operations. All work must be completed following Industry recognised Safe Working Practices and in accordance with relevant legislation. This qualification is at Level 2, although some units may be at different levels and should be taken by those who are fully trained to deal with routine assignments. Candidates should require minimum supervision in undertaking the job. The qualification has been developed in a way to allow employees from companies of all sizes and specialisms equal opportunity to complete.

### What is required from candidates?

The qualification consists of 2 mandatory units in Group A and a choice of 2 optional units in Group B. Candidates must achieve the 5 credits within Group A and a minimum of 10 credits from Group B and additionally the required credits from 1 of the 8 pathways. The minimum credit value of this qualification is 41 credits.

Unit Ref	Title	Level	Credit
Mandatory Units			
A/507/9560	Conforming to General Health, Safety and Welfare in the Workplace	1	2
C22			
F/507/9561	Conforming to Productive Working Practices in the Workplace	2	3
C23			
Optional Units (A minimum of 10 credits must be completed)			
K/507/9750	Establishing Work Area Protection and Safety in the Workplace	2	10
C27			
M/507/9751	Segregating the Area for Highways Works in the Workplace	2	12
C28			
Pathway C - Modular Pavement Construction pathway (mandatory units)			
T/507/9752	Laying Modular Pavement in the Workplace	2	14
C29			
L/507/9756	Setting Out Secondary Dimensional Work Control in the Workplace	2	7
C36			
J/507/9562	Moving, Handling and Storing Resources in the Workplace	2	5
C24			
Pathway D - Drainage Construction pathway (mandatory units)			
L/507/9756	Setting Out Secondary Dimensional Work Control in the Workplace	2	7
C36			
Y/507/9758	Installing Drainage in the Workplace	2	19
C30			
Pathway E - Excavation and Reinstatement pathway (mandatory units)			
K/507/9988	Locating and Protecting Utilities Apparatus and Sub-structures in the Workplace	2	12
C34			
M/507/9989	Excavating Holes and Trenches - Manual Digging in the Workplace	2	10
C33			
T/507/9993	Reinstating Excavation and Highway Surfaces in the Workplace	2	12
C35			
Pathway F - Flexible Pavement Construction pathway (mandatory units)			
R/507/9998	Laying Flexible Pavements in the Workplace	2	14
C38			
L/507/9756	Setting Out Secondary Dimensional Work Control in the Workplace	2	7
C36			
J/507/9562	Moving, Handling and Storing Resources in the Workplace	2	5

C24			
Pathway G - Structural concreting pathway (mandatory units)			
H/507/9763	Pouring Concrete to Form Structures in the Workplace	2	18
C31			
D/507/9762	Erecting and Striking Proprietary Formwork in the Workplace	2	17
C40			
J/507/9562	Moving, Handling and Storing Resources in the Workplace	2	5
C24			
Pathway H - Non - Structural Concreting pathway (mandatory units)			
D/507/9759	Placing and Finishing Non-Specialist Concrete in the Workplace	2	21
C37			
J/507/9562	Moving, Handling and Storing Resources in the Workplace	2	5
C24			
Pathway I - Laying Kerbs and Channels pathway (mandatory units)			
A/507/9753	Laying Kerbs and Channels in the Workplace	2	14
C30			
L/507/9756	Setting out secondary dimensional work control in the workplace	2	7
C36			
J/507/9562	Moving, Handling and Storing Resources in the Workplace	2	5
C24			
Pathway J - General Building Operations (mandatory units)			
T/507/9752	Laying Modular Pavement in the Workplace	2	14
C29			
A/507/9753	Laying Kerbs and Channels in the Workplace	2	14
C30			
L/507/9756	Setting out secondary dimensional work control in the workplace	2	7
C36			

### Assessment Guidance

Evidence should show that you can complete all of the learning outcomes for each unit being taken.

### Types of evidence:

Evidence of performance and knowledge is required. Evidence of performance should be demonstrated by activities and outcomes, and should be generated in the workplace only, unless indicated under potential sources of evidence (see below). Evidence of knowledge can be demonstrated through performance or by responding to questions.

### Quantity of evidence:

Evidence should show that you can meet the requirements of the units in a way that demonstrates that the standards can be achieved consistently over an appropriate period of time.

### Potential sources of evidence:

The main source of evidence for each unit will be observation of the candidate's performance and knowledge demonstrated during the completion of the unit. This can be supplemented by the following types of physical or documentary evidence:

- Accident book/reporting systems
- Safety records
- Training records
- Audio records
- Job specifications and documentation
- Delivery Records
- Witness testimonies
- Correspondence with customers
- Notes and memos
- Photo/video evidence
- Work diaries
- Timesheets
- Telephone Logs
- Meeting records
- Records of toolbox talks
- Equipment
- Prepared materials and sites
- Completed work

Please Note that photocopied or downloaded documents such as manufacturers' or industry guidance, H&S policies, Risk Assessments etc, are not normally acceptable evidence for GQA qualifications unless accompanied by a record of a professional discussion or Assessor statement confirming candidate knowledge of the subject. If you are in any doubt about the validity of evidence, please contact your GQA EQA.

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