# Qualification Title: GQA Level 2 NVQ Diploma In Construction Operations And Civil Engineering - Highways Maintenance

# Qualification Number: 601/8294/5

# Qualification Specification

# 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.

# Entry requirements

There are no formal entry requirements for learners undertaking this qualification. However, centres must ensure that learners have the potential and opportunity to gain the qualification successfully.

# CSCS Cards

On completion of this qualification and either the CITB Health, Safety and Environmental touch screen test or the GQA Health and Safety assessment paper you will be eligible to apply for a full GQA CSCS Card. The health and safety evidence must have been completed within the 2 years preceding application. Once registered you will be eligible to apply for a temporary card provided you also meet the health and safety requirements. For more information please see: <https://gqaqualifications.com/construction-skills-certification-scheme/>

# Qualification support

This qualification has been designed and developed by GQA Qualifications with the support of ConstructionSkills.

# Regulatory information

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| --- | --- |
| Countries offered in: | England, Northern Ireland, |
| Qualification type: | Occupational Qualification |
| Subject/sector areas | Building and construction |
| Qualification operational start date: | 01-Feb-2016 |
| Qualification review date: | 30-Apr-2022 |
| Applicable age ranges (years): | 16-18, 19+ |

# Further information

Further information about this qualification can be obtained from: [www.gqaqualifications.com/qualifications](http://www.gqaqualifications.com/qualifications)

You can also contact GQA Qualifications directly at:

GQA Qualifications Ltd, Unit 1, Provincial House, Sheffield S4 7WW.

Tel 01142 720033, email to info@gqaqualifications.com

# Qualification achievement

Candidates must complete 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.

GQA qualifications are made up of units that have a credit value or credits. These credits must be achieved in the correct combination of mandatory and optional units. Qualifications are now required to indicate the total qualification time (TQT), this is to show the typical time it will take someone to attain the required skills and knowledge to meet the qualification criteria.

The units of assessment set out learning outcomes which describe what learners need to be able to do and understand. The learning outcomes are defined by assessment criteria which are used to assess competence, expressed as skills achieved and learned knowledge and understanding, to achieve the units. Achievement of the mandatory unit and optional units will mean the qualification has been completed and will be subject to approval of a claim for certification. GQA Qualifications will issue a certificate complete with the learner’s name, the qualification and unit titles and the credits achieved.

# Qualification Structure

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| --- | --- | --- | --- | --- |
| **Qualification Title:** | | GQA Level 2 NVQ Diploma In Construction Operations And Civil Engineering - Highways Maintenance | | |
| **Qualification Number (QAN):** | | 601/8294/5 | | |
| **Total Credits:** | | 41 | | |
| **Total Qualification Time (TQT):** | | 136 | | |
| Candidates must complete 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 number** | **Title** | | **Level** | **Credit** |
| **Mandatory Units** | | | | |
| A/507/9560 | Conforming to General Health, Safety and Welfare in the Workplace | | 1 | 2 |
| F/507/9561 | Conforming to Productive Working Practices in the Workplace | | 2 | 3 |
| **Optional Units a minimum of 10 credits must be achieved** | | | | |
| K/507/9750 | Establishing Work Area Protection and Safety in the Workplace | | 2 | 10 |
| M/507/9751 | Segregating the Area for Highways Works in the Workplace | | 2 | 12 |
| **Pathway C - Modular Pavement Construction pathway (mandatory units)** | | | | |
| T/507/9752 | Laying Modular Pavement in the Workplace | | 2 | 14 |
| L/507/9756 | Setting Out Secondary Dimensional Work Control in the Workplace | | 2 | 7 |
| J/507/9562 | Moving, Handling and Storing Resources in the Workplace | | 2 | 5 |
| **Pathway D - Drainage Construction pathway (mandatory units)** | | | | |
| L/507/9756 | Setting Out Secondary Dimensional Work Control in the Workplace | | 2 | 7 |
| Y/507/9758 | Installing Drainage in the Workplace | | 2 | 19 |
| **Pathway E - Excavation and Reinstatement pathway (mandatory units)** | | | | |
| K/507/9988 | Locating and Protecting Utilities Apparatus and Sub-structures in the Workplace | | 2 | 12 |
| M/507/9989 | Excavating Holes and Trenches - Manual Digging in the Workplace | | 2 | 10 |
| T/507/9993 | Reinstating Excavation and Highway Surfaces in the Workplace | | 2 | 12 |
| **Pathway F - Flexible Pavement Construction pathway (mandatory units)** | | | | |
| R/507/9998 | Laying Flexible Pavements in the Workplace | | 2 | 14 |
| L/507/9756 | Setting Out Secondary Dimensional Work Control in the Workplace | | 2 | 7 |
| J/507/9562 | Moving, Handling and Storing Resources in the Workplace | | 2 | 5 |
| **Pathway G - Structural concreting pathway (mandatory units)** | | | | |
| H/507/9763 | Pouring Concrete to Form Structures in the Workplace | | 2 | 18 |
| D/507/9762 | Erecting and Striking Proprietary Formwork in the Workplace | | 2 | 17 |
| J/507/9562 | Moving, Handling and Storing Resources in the Workplace | | 2 | 5 |
| **Pathway H - Non - Structural Concreting pathway (mandatory units)** | | | | |
| D/507/9759 | Placing and Finishing Non-Specialist Concrete in the Workplace | | 2 | 21 |
| J/507/9562 | Moving, Handling and Storing Resources in the Workplace | | 2 | 5 |
| **Pathway I - Laying Kerbs and Channels pathway (mandatory units)** | | | | |
| A/507/9753 | Laying Kerbs and Channels in the Workplace | | 2 | 14 |
| L/507/9756 | Setting out secondary dimensional work control in the workplace | | 2 | 7 |
| J/507/9562 | Moving, Handling and Storing Resources in the Workplace | | 2 | 5 |
| **Pathway J - General Building Operations (mandatory units)** | | | | |
| T/507/9752 | Laying Modular Pavement in the Workplace | | 2 | 14 |
| A/507/9753 | Laying Kerbs and Channels in the Workplace | | 2 | 14 |
| L/507/9756 | Setting out secondary dimensional work control in the workplace | | 2 | 7 |

# Assessment

The qualification must be assessed using the following assessment method:

* Portfolio of Evidence

Learners are required to achieve all learning outcomes within units of assessment. All assessment is subject to internal quality assurance within approved centres providing this qualification. External quality assurance of assessment and internal quality assurance within approved centres is provided by GQA Qualifications.