

## Qualification Specification

### GQA Level 2 Certificate in Plant Operations (Construction)

#### Qualification Number: 601/0453/3

##### Who is this qualification for?

This qualification is aimed at those who are involved with the use and guidance of plant equipment and machinery in a construction environment.

The qualification has 2 mandatory units with pathways developed to recognise competence and knowledge in the use of specific equipment and machinery in the following groups: Cranes and Specialist Lifting Plant, Fork-lift Trucks, Extracting Plant, Transporting Loads Plant, Accessing Plant, Compacting Plant, Movement Guidance and Processing Plant.

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 a range of tasks and situations. Candidates should require minimum supervision in carrying out the required work. There is also a GQA Level 2 Diploma in Plant Operations that includes alternative pathways and equipment/machinery.

##### Entry requirements

There are no formal entry requirements for learners undertaking this qualification, however individuals must be carrying out a role that will enable them to show they have the required competence and knowledge to meet the qualification aims.

##### Qualification support

This qualification has been designed and developed by GQA Qualifications with industry support.

##### Regulatory information

|                                       |                            |
|---------------------------------------|----------------------------|
| Countries offered in:                 | England, N. Ireland        |
| Qualification type:                   | Occupational qualification |
| Subject/sector areas                  | Construction               |
| Qualification operational start date: | 01/08/2013                 |
| Applicable age ranges (years):        | 18+                        |

##### Further information

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

You can also contact GQA Qualifications directly at:

GQA Qualifications Ltd, Unit 1, 12 O'clock Court, Sheffield S4 7WW.

Tel 01142 720033, email to [info@ggaqualifications.com](mailto:info@ggaqualifications.com)

## Qualification achievement

It is not expected that all workers will complete the same tasks, so the qualification has been designed to allow flexibility and in turn, as wide an uptake as possible.

Individuals must complete the 2 mandatory units and the required units from the selected Pathway(s)

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 TQT for this qualification is 160 hours.

Qualifications are also required to indicate the number of hours of teaching someone would normally need to receive in order to achieve the qualification. These are referred to as Guided Learning Hours (GLH). The minimum GLH for this qualification is 29.

The unit of assessment sets 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. GQA Qualifications will issue a certificate complete with the learner's name, the qualification and unit title and the credits achieved.

## Qualification Structure

| <b>Qualification Title:</b>                                                                            | GQA Level 2 Certificate in Plant Operations (Construction) |                                                                                                          |       |              |                       |
|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------|--------------|-----------------------|
| <b>Qualification Number (QAN):</b>                                                                     | 601/0453/3                                                 |                                                                                                          |       |              |                       |
| Regulatory Unit Number                                                                                 | Internal Unit Number                                       | Qualification Mandatory Units                                                                            | Level | Credit Value | Guided Learning Hours |
| A/503/1170                                                                                             | 641                                                        | Conforming to General Health, Safety and Welfare in the Workplace                                        | 1     | 2            | 7                     |
| J/503/1169                                                                                             | 642                                                        | Conforming to Productive Working Practices in the Workplace                                              | 2     | 3            | 10                    |
| <b>Pathway 1 - Cranes and Specialist Lifting Plant- minimum of 12 credits if this pathway selected</b> |                                                            |                                                                                                          |       |              |                       |
| Regulatory Unit Number                                                                                 | Internal Unit Number                                       | Qualification Optional Units (minimum One Unit)                                                          | Level | Credit Value | Guided Learning Hours |
| Y/506/4600                                                                                             | 387Av2                                                     | Preparing and Operating Compact Cranes to Lift and Transfer Loads in the Workplace                       | 2     | 30           | 100                   |
| T/650/0347                                                                                             | 387Ev3                                                     | Preparing and operating remote controlled tower cranes to lift and transfer loads in the workplace       | 2     | 30           | 100                   |
| T/506/4605                                                                                             | 387Fv2                                                     | Preparing and Operating Overhead Cranes to Lift and Transfer Loads in the Workplace                      | 2     | 18           | 100                   |
| A/506/4606                                                                                             | 387Gv2                                                     | Preparing and Operating Excavator Cranes to Lift and Transfer Loads in the Workplace                     | 2     | 30           | 100                   |
| L/506/3928                                                                                             | 387Ov2                                                     | Preparing and Operating Hoists to Lift and Transfer Loads in the Workplace                               | 2     | 12           | 40                    |
| R/506/4613                                                                                             | 387Qv2                                                     | Preparing and Operating Lorry Loaders or Knuckle Boom Cranes to Lift and Transfer Loads in the Workplace | 2     | 30           | 100                   |
| Y/506/4614                                                                                             | 387Rv2                                                     | Preparing and Operating Skip Handlers to Lift and Transfer Loads in the Workplace                        | 2     | 18           | 60                    |

| D/506/4615                                                                                | 387Sv2                      | Preparing and Operating Container Handlers to Lift and Transfer Loads in the Workplace                           | 2            | 18                  | 60                           |
|-------------------------------------------------------------------------------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------|--------------|---------------------|------------------------------|
| H/506/4616                                                                                | 387Tv2                      | Preparing and Operating Self-propelled Modular Transporters – SPMT – to Lift and Transfer Loads in the Workplace | 2            | 30                  | 100                          |
| <b>Pathway 2 Fork-lift Trucks- minimum of 16 credits if this pathway selected</b>         |                             |                                                                                                                  |              |                     |                              |
| <b>Regulatory Unit Number</b>                                                             | <b>Internal Unit Number</b> | <b>Qualification Optional Units (minimum One Unit)</b>                                                           | <b>Level</b> | <b>Credit Value</b> | <b>Guided Learning Hours</b> |
| F/506/4607                                                                                | 387Hv2                      | Preparing and Operating Rough Terrain Masted Forklifts to Lift and Transfer Loads in the Workplace               | 2            | 18                  | 60                           |
| J/506/4608                                                                                | 387Jv2                      | Preparing and operating industrial forklift trucks to lift and transfer loads in the workplace                   | 2            | 16                  | 53                           |
| L/506/7851                                                                                | 387Kv2                      | Preparing and Operating Sideloader Forklifts to Lift and Transfer Loads in the Workplace                         | 2            | 16                  | 53                           |
| F/506/4610                                                                                | 387Lv2                      | Preparing and Operating Telescopic Handlers to Lift and Transfer Loads in the Workplace                          | 2            | 25                  | 83                           |
| J/506/4611                                                                                | 387Mv2                      | Preparing and Operating Reach Trucks to Lift and Transfer Loads in the Workplace                                 | 2            | 16                  | 53                           |
| K/506/4617                                                                                | 387Uv2                      | Preparing and operating ergonomic manipulating machines to lift and transfer loads in the workplace              | 2            | 11                  | 37                           |
| <b>Pathway 3 Extracting Plant- minimum of 16 credits if this pathway selected</b>         |                             |                                                                                                                  |              |                     |                              |
| <b>Regulatory Unit Number</b>                                                             | <b>Internal Unit Number</b> | <b>Qualification Optional Units (minimum One Unit)</b>                                                           | <b>Level</b> | <b>Credit Value</b> | <b>Guided Learning Hours</b> |
| M/506/4621                                                                                | 388Cv3                      | Preparing and Operating Wheeled Loading Shovels to Extract Loose Materials in the Workplace                      | 2            | 26                  | 87                           |
| F/506/4624                                                                                | 388Ev3                      | Preparing and Operating Skid Steer Loaders to Extract Loose Materials in the Workplace                           | 2            | 20                  | 67                           |
| Y/506/4628                                                                                | 388Hv3                      | Preparing and Operating Loader Compressors to Extract Loose Materials in the Workplace                           | 2            | 16                  | 53                           |
| <b>Pathway 4 Transporting Loads Plant- minimum of 12 credits if this pathway selected</b> |                             |                                                                                                                  |              |                     |                              |
| <b>Regulatory Unit Number</b>                                                             | <b>Internal Unit Number</b> | <b>Qualification Optional Units (minimum One Unit)</b>                                                           | <b>Level</b> | <b>Credit Value</b> | <b>Guided Learning Hours</b> |
| J/506/4642                                                                                | 391Bv3                      | Preparing and Operating Forward Tipping Dumpers to Receive, Transport and Discharge Materials in the Workplace   | 2            | 16                  | 53                           |
| L/506/4643                                                                                | 391Cv3                      | Preparing and Operating Rear Tipping Dump Trucks to Receive, Transport and Discharge Materials in the Workplace  | 2            | 30                  | 100                          |
| R/506/4644                                                                                | 391Dv3                      | Preparing and Operating Agricultural-based Tractors for Non-agricultural Activities in the Workplace             | 2            | 20                  | 67                           |

| M/506/5087                                                                        | 391Ev3                      | Preparing and Operating Trailer-mounted Concrete Pumps to Receive, Pump and Discharge Materials in the Workplace | 2            | 18                  | 60                           |
|-----------------------------------------------------------------------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------|--------------|---------------------|------------------------------|
| Y/506/4645                                                                        | 391Fv3                      | Preparing and Operating Self-propelled Bowsers to Receive, Transport and Discharge Materials in the Workplace    | 2            | 12                  | 40                           |
| D/506/4646                                                                        | 391Gv1                      | Preparing and operating static concrete placing booms to discharge and place materials in the workplace          | 2            | 25                  | 83                           |
| H/506/4647                                                                        | 391Hv1                      | Preparing and operating volumetric trucks to receive and transport materials in the workplace                    | 2            | 30                  | 100                          |
| <b>Pathway 5 Accessing Plant- minimum of 12 credits if this pathway selected</b>  |                             |                                                                                                                  |              |                     |                              |
| <b>Regulatory Unit Number</b>                                                     | <b>Internal Unit Number</b> | <b>Qualification Optional Units (minimum One Unit)</b>                                                           | <b>Level</b> | <b>Credit Value</b> | <b>Guided Learning Hours</b> |
| K/506/4648                                                                        | 392Av3                      | Preparing and Operating Scissor-type Mobile Elevating Work Platforms – MEWP – in the Workplace                   | 2            | 12                  | 40                           |
| M/506/4649                                                                        | 392Bv3                      | Preparing and Operating Boom-type Mobile Elevating Work Platforms – MEWP – in the Workplace                      | 2            | 14                  | 47                           |
| H/506/4650                                                                        | 392Cv3                      | Preparing and Operating Mast Climber-type Mobile Elevating Work Platforms – MEWP – in the Workplace              | 2            | 12                  | 40                           |
| <b>Pathway 6 Compacting Plant- minimum of 16 credits if this pathway selected</b> |                             |                                                                                                                  |              |                     |                              |
| <b>Regulatory Unit Number</b>                                                     | <b>Internal Unit Number</b> | <b>Qualification Optional Units (minimum One Unit)</b>                                                           | <b>Level</b> | <b>Credit Value</b> | <b>Guided Learning Hours</b> |
| R/506/4661                                                                        | 394Av3                      | Preparing and Operating Ride-on Rollers to Compact Materials in the Workplace                                    | 2            | 16                  | 53                           |
| Y/506/4662                                                                        | 394Bv3                      | Preparing and Operating Soil Compactors to Compact Materials in the Workplace                                    | 2            | 16                  | 53                           |
| D/506/4663                                                                        | 394Cv3                      | Preparing and Operating Landfill Compactors to Spread and Compact Materials in the Workplace                     | 2            | 25                  | 83                           |
| <b>Pathway 7-Movement Guide-pathway mandatory unit</b>                            |                             |                                                                                                                  |              |                     |                              |
| <b>Regulatory Unit Number</b>                                                     | <b>Internal Unit Number</b> | <b>Qualification Optional Units (minimum One Unit)</b>                                                           | <b>Level</b> | <b>Credit Value</b> | <b>Guided Learning Hours</b> |
| A/506/4668                                                                        | 396Cv1                      | Preparing to and directing and guiding the movement of vehicles, plant or machinery in the workplace             | 2            | 12                  | 40                           |
| <b>Pathway 8-Processing</b>                                                       |                             |                                                                                                                  |              |                     |                              |
| <b>Regulatory Unit Number</b>                                                     | <b>Internal Unit Number</b> | <b>Qualification Optional Units (minimum One Unit)</b>                                                           | <b>Level</b> | <b>Credit Value</b> | <b>Guided Learning Hours</b> |
| A/651/1300                                                                        | 395A v3                     | Preparing and operating crushers to process materials in the workplace (Crusher)                                 | 2            | 16                  | 53                           |

|            |         |                                                                              |   |    |    |
|------------|---------|------------------------------------------------------------------------------|---|----|----|
| L/651/1299 | 395B v3 | Preparing and operating screeners to process materials in the workplace      | 2 | 12 | 40 |
| K/651/1298 | 395C v3 | Preparing and operating batching plant to process materials in the workplace | 2 | 12 | 40 |

### 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.