Qualification Title: GQA Level 3 NVQ Diploma In Machine Printing

Qualification Number: 600/0607/9

Welsh Qualification Number: C00/1251/0

Qualification Specification

# Who is this qualification for?

This qualification is aimed at those who work as machine operatives (minders) on single and multi unit production printing presses, producing multi colour work. Assessment of the qualification can take place in a number of contexts including: Lithography (Sheet-fed) Printing, Lithography (Web-fed) Printing, Flexography Printing, Gravure Printing and Screen Printing and this will be reflected on the Qualification Certificate. The standards cover the most important aspects of the job. This qualification is at Level 3, and should be taken by those who have the responsibility for managing the machines, including monitoring and controlling the quality of output using a range of methods, and are responsible for ensuring the production records are completed in line with Company requirements. A further qualification for machine printing at Level 2 is also available.

In addition, there are qualifications available to cover Print Finishing and Pre-press. Candidates for this qualification will need to contribute to improving the efficiency in the completion of the Company objectives, promote the Company Health and Safety guidelines and policies and in addition candidates for this qualification will primarily be:

* Able to manage, monitor and control the production output producing multi colour work for print
* In control of the set up and running, maintenance and wash down of single and multi colour production machines

Candidates are likely to have jobs entitled:

* Machine minder
* No 1s/No 2s
* Machine operative

# 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.

# Qualification support

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

# Regulatory information

|  |  |
| --- | --- |
| Countries offered in:  | England, Northern Ireland, Wales  |
| Qualification type: | Occupational Qualification |
| Subject/sector areas  | Manufacturing technologies |
| Qualification operational start date:  | 01-Feb-2011 |
| Qualification review date:  |  |
| 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

This qualification has 6 mandatory units and a group of optional units. Candidates must achieve all 6 mandatory units, plus a minimum of 6 credits from the group of optional units. This makes the minimum credit value of the qualification 37 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 3 NVQ Diploma In Machine Printing  |
| **Qualification Number (QAN):** | 600/0607/9 |
| **Welsh Qualification Number:** | C00/1251/0 |
| **Total Credits:** | 37 |
| **Total Qualification Time (TQT):** | 370 |
| **Guided Learning Hours (GLH):** | 176 |
| Candidates must achieve all 6 mandatory units, plus a minimum of 6 credits from the group of optional units.. |
| **Mandatory units**  |
| **Unit number**  | **Title**  | **Level** | **Credit** |
| 600/0607/9 | Promote and Maintain Health and Safety in a Print Related Working Environment | 3 | 4 |
| D/601/9393 | Contribute to Improving the Effectiveness of the Print Organisation | 3 | 5 |
| L/601/9406 | Understanding the Print Industry | 3 | 4 |
| K/601/9395 | Maintain Print Equipment in Working Order | 3 | 6 |
| D/601/9426 | Manage printing machines | 3 | 8 |
| J/502/8501 | Plan work to meet production requirements | 3 | 4 |
| **Optional Units** |
| A/601/9403 | Set and run ancillary printing machine equipment | 2 | 5 |
| D/601/9412 | Prepare and maintain image carriers for printing | 2 | 4 |
| H/601/9413 | Set and run die stamping printing machinery |  |  |
| J/601/9419 | Set and run in-line folding equipment |  |  |
| F/601/9404 | Set and run over-printing machinery | 2 | 7 |
| J/601/9405 | Set and use ink drying equipment | 2 | 3 |
| L/502/8502 | Output digital image carriers for print | 2 | 8 |
| A/601/9417 | Set and run guillotines | 2 | 5 |
| K/601/9400 | Make lithographic printing plates | 2 | 4 |
| M/601/9401 | Prepare inks and coatings for printing | 2 | 4 |
| R/601/9410 | Set and run slitting and re-reeling equipment adhesive label production | 2 | 3 |
| F/502/8626 | Set and run in line automated stitch and trim equipment for newspaper and periodical production | 2 | 4 |
| T/601/9402 | Set and run numbering, bar-coding or inline data printing equipment | 2 | 4 |
| F/601/9418 | Set and run in-line converting or enhancing equipment | 2 | 7 |
| M/502/8508 | Prepare stencils for printing | 2 | 4 |
| D/502/8505 | Make photopolymer plates for flexographic printing | 2 | 4 |
| T/502/8574 | Manage Foil Blocking Machinery | 3 | 5 |

# Assessment

The qualification must be assessed using the following assessment method:

* E-assessment,
* 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.