Qualification Title: GQA Level 2 NVQ Certificate In Machine Printing

Qualification Number: 600/0600/6

Welsh Qualification Number: C00/1250/3

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. Assessment of the qualification can take place in occupational roles that include: 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 2, and should be taken by those who are fully trained to deal with routine assignments. Candidates should require minimum supervision in undertaking the job. A further qualification for machine printing at Level 3 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 Company objectives, follow Health and Safety guidelines and in addition candidates for this qualification will primarily be:

# Acting as first or second minders on the Press

# Involved in 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 5 mandatory units and a group of optional units. Candidates should achieve all credits from the 5 mandatory units, plus a minimum of 7 credits from the group of optional units. This makes the minimum credit value of the qualification 32 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 Certificate In Machine Printing |
| **Qualification Number (QAN):** | 600/0600/6 |
| **Welsh Qualification Number:** | C00/1250/3 |
| **Total Credits:** | 32 |
| **Total Qualification Time (TQT):** | 320 |
| **Guided Learning Hours (GLH):** | 209 |
| Candidates should achieve all credits from the 5 mandatory units, plus a minimum of 7 credits from the group of optional units. |
| **Mandatory units**  |
| **Unit number**  | **Title**  | **Level** | **Credit** |
| H/601/9394 | Communicating and working with others in the print working environment | 2 | 3 |
| F/601/9399 | Keep equipment clean and in working order for use in the printing industry | 2 | 4 |
| R/601/9407 | Knowledge of the organisations printing processes and related information | 2 | 4 |
| Y/601/9389 | Maintain health and safety within a print related working environment | 2 | 4 |
| Y/601/9408 | Set up and run machinery within the print industry | 2 | 10 |
| **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 |
| F/601/9404 | Set and run over-printing machinery | 2 | 7 |
| J/601/9405 | Set and use ink drying equipment | 2 | 3 |
| K/601/9400 | Make lithographic printing plates | 2 | 4 |
| M/601/9401 | Prepare inks and coatings for printing | 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 |
| H/601/9413 | Set and run die stamping printing machinery | 2 | 6 |
| J/601/9419 | Set and run in-line folding equipment | 2 | 7 |
| J/601/9422 | Set and run auto-packing, storage or palletising equipment | 2 | 3 |
| K/601/9414 | Set and use reel handling equipment | 2 | 3 |
| R/601/9424 | Prepare and load sheet-fed substrates | 2 | 3 |
| L/502/8502 | Output digital image carriers for print | 2 | 8 |
| A/601/9417 | Set and run guillotines | 2 | 5 |
| H/601/9430 | Set and run booklet making machinery | 2 | 5 |
| F/502/8626 | Set and run in line automated stitch and trim equipment for newspaper and periodical production | 2 | 4 |
| Y/601/9392 | Materials handling, transportation and storage within the print working environment | 2 | 4 |
| R/601/9410 | Set and run slitting and re-reeling equipment adhesive label production | 2 | 3 |
| M/502/8508 | Prepare stencils for printing | 2 | 4 |
| D/502/8505 | Make photopolymer plates for flexographic printing | 2 | 4 |

# 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.