



Level 2 NVQ Diploma in

Performing Manufacturing Operations

ENGINEERING

Qualification Specification

Overview

The qualification covers the skills and knowledge of a wide variety of manufacturing activities including those that support a manufacturing operation and those activities which are job specific.

Typical Job

Individuals involved in a manufacturing process. Learners may typically be responsible for the day-to-day running of equipment and for the quality of work. They are also capable of monitoring and controlling equipment and quality, and can also exercise some judgment and decision making about the manufacturing process.

Qualification code:	501/0928/5
Level:	2
Total qualification time:	480
Guided learning hours:	216 (min) 283 (max)
Credits:	49
Minimum age:	16

Purpose of the qualification

This qualification enables learners to demonstrate their occupational competence in a manufacturing activity relevant to their job role. It is principally for engineering apprentices working within the sector. The qualification requires occupational evidence from the workplace.

What could this qualification lead to?

A career in the engineering sector, and further study.

Entry Requirements

Learners must have the potential to achieve the assessment criteria set out in the units.

How is the qualification achieved?

The learner must present evidence (portfolio) which clearly shows they have met the assessment criteria and learning outcomes. The learner must achieve the mandatory and optional units relevant to their pathway (occupational role).

What will be assessed?

All evidence submitted by the learner against the assessment criteria.

How will it be assessed?

The assessment of the qualification must be through an EAL approved assessment Centre.

The learner must be working 'on-the-job' and all assessment decisions must be based on performance and knowledge evidence produced by the learner unaided.

Assessment will be carried out in the workplace (unless otherwise specified) via observation and the collation of evidence in a portfolio.

The qualification is not graded and only a pass can be achieved.

Structure

To complete this qualification it is required to complete 2 mandatory assessment routes and 3 supporting the operation, assessment routes and 1 job specific assessment route. This makes a total of 6 assessment routes taken.

Mandatory assessment routes: Two of the following assessment routes must be completed:

EAL code	Assessment route title	Level	Credit value	Guided learning hours	Ofqual code
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The following assessment route must be taken:

QPM02/001	Complying with statutory regulations and organisational safety requirements	2	3	35	A/601/5013
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Plus: Either one of the following assessment routes must be taken:

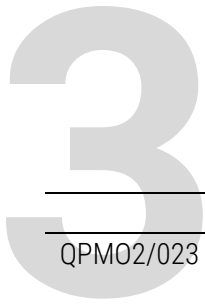
QPM02/002	Promoting effective working relationships	2	5	30	R/601/3008
QPM02/021	Contributing to effective team working	2	6	30	T/601/3101

Option set A:

Optional supporting the operation assessment routes: Three of the following assessment routes must be taken:

Note: Assessment routes 005 and 006 may not be taken together. Either assessment route alone can be selected as one of the three assessment routes taken

QPM02/003	Transferring materials	2	13	53	Y/601/3009
QPM02/004	Preparing for manufacturing operations	2	9	42	L/601/3010
QPM02/005	Concluding manufacturing operations	2	9	42	Y/601/3012
QPM02/006	Ensuring effective handover of manufacturing operations	2	9	42	H/601/3014
QPM02/007	Receiving and checking incoming materials	2	9	42	T/601/3017
QPM02/018	Controlling manufacturing operations	2	19	42	M/601/3095
QPM02/019	Contributing to improving effectiveness in the workplace	2	8	35	A/601/3097
QPM02/020	Analysing the results of inspection and	2	14	35	J/601/3099



	confirming quality of production				
QPM02/023	Recording and reporting inspection and test results	2	8	39	K/601/3113

Option set B:

Optional job specific assessment routes: One of the following assessment routes must be taken:

Note: If assessment routes 003 or 020 have been taken in option set A these assessment routes may not be taken again from option set B.

QPM02/003	Transferring materials	2	13	53	Y/601/3009
QPM02/008	Producing shaped products	2	18	60	R/601/3025
QPM02/009	Producing products by assembly operations	2	18	60	A/601/3035
QPM02/010	Producing joined products	2	17	60	R/601/3039
QPM02/011	Producing products by processing	2	17	60	F/601/3067
QPM02/012	Producing formed products	2	18	60	T/601/3079
QPM02/013	Finishing products	2	17	60	M/601/3081
QPM02/014	Producing moulded products	2	18	60	J/601/3085
QPM02/015	Producing packaged products	2	15	60	D/601/3089
QPM02/016	Making products using computer controlled equipment	2	18	67	R/601/3090
QPM02/017	Manufacturing products using combined manufacturing operations	2	18	67	H/601/3093
QPM02/020	Analysing the results of inspection and confirming quality of production	2	14	35	J/601/3099
QPM02/022	Carrying out inspection and testing activities	2	16	53	H/601/3112
