



Level 3 NVQ Diploma in

# ENGINEERING

## Engineering Leadership

### Qualification Specification

#### Overview

This qualification is a National Vocational Qualification (NVQ). It involves the skills and knowledge needed for occupations in Engineering Leadership including the ability to organise work and identify and prevent problems..

#### Typical Job

Engineering supervisor, Team leader, Workshop manager

Qualification code:	600/1030/7
Level:	3
Total qualification time:	1010 hours
Guided learning hours:	307
Credits:	101
Minimum age:	16

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## Purpose of the qualification

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This EAL qualification has been designed for those learners who:

- need recognition of their competence in one or more of a wide variety of Engineering Leadership activities and also need a nationally recognised qualification at level three
- are working in a Engineering Leadership environment and would like to work towards a relevant level three qualification,
- are new to Engineering Leadership but are looking for a career change and wish to develop new skills within the industry...

## What could this qualification lead to?

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This qualification supports learners to progress to higher level work and/or further study, such as an Advanced Apprenticeship or further EAL qualifications at Levels 3 or above, covering a full range of Engineering and Manufacturing applications.

## Entry Requirements

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

## How is the qualification achieved?

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The learner must present evidence which clearly shows they have met the assessment criteria and learning outcomes.

## What will be assessed?

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All evidence submitted by the learner against the assessment criteria.

## How will it be assessed?

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Learners must complete a portfolio of work based evidence.

## Structure

This qualification has 307 guided learning hours (GLH) and 101 credits. It has a total qualification time of 1010 hours which is the notional time required by the learner to complete the qualification. The learner must complete the mandatory units plus six optional units which must include a minimum of two from Group A and one from Group B.

### Mandatory units: Both must be completed

EAL Code	Unit Title	Credit	GLH	Ofqual Code
QENL3/001	Complying with statutory regulations and organisational safety requirements	5	35	A/601/5013
QENL3/002	Plan, allocate and monitor work of a team	5	25	Y/600/9669

### Group A: Optional units: Select at least TWO of the following

EAL Code	Unit Title	Credit	GLH	Ofqual Code
QENL3/003	Create engineering drawings using computer-aided techniques	40	98	M/502/8136
QENL3/004	Controlling the scheduling of resources for engineering activities	40	106	T/502/8137
QENL3/005	Obtaining resources for engineering activities	40	106	A/600/5775
QENL3/006	Implementing engineering activities	40	106	J/600/5763
QENL3/007	Resolving engineering problems	40	96	K/600/5755
QENL3/008	Monitoring engineering activities	40	106	D/600/5767
QENL3/009	Analysing the risks arising from engineering activities	40	91	A/502/8138
QENL3/010	Implementing quality control systems and procedures in an engineering environment	40	106	H/600/5785

### Group B: Optional units: Select at least ONE of the following

EAL Code	Unit Title	Credit	GLH	Ofqual Code
QENL3/011	Manage personal development	4	20	F/600/9469
QENL3/012	Develop working relationships with colleagues	3	15	H/600/9660
QENL3/013	Lead and manage meetings	4	20	Y/600/9686
QENL3/014	Make effective decisions	3	10	F/600/9715
QENL3/015	Manage conflict in a team	3	20	R/600/9685
QENL3/016	Manage customer service in own area of responsibility	4	25	D/600/9804
QENL3/017	Manage knowledge in own area of responsibility	4	15	T/600/9730
QENL3/018	Manage and support equality of opportunity, diversity and inclusion in own area of responsibility	4	20	M/600/9628
QENL3/019	Manage own professional development within an organisation	4	20	L/600/9586
QENL3/020	Procure supplies	2	20	L/600/9734
QENL3/021	Set objectives and provide support for team members	5	35	M/600/9600
QENL3/022	Support team members in identifying, developing and implementing new ideas	4	20	L/600/9636

