

Qualification title: OAL Level 2 Diploma in Manufacturing (Knowledge and Skills)

Qualification number (QN): 603/6783/0

Qualification Specification

Qualification purpose

This qualification has been designed to meet the qualification requirement that must be achieved as part of the Lean Manufacturing Operative Apprenticeship Standard. It is also a qualification that is offered its own right to those interested in lean manufacturing.

On achievement of the qualification learners will have gained a knowledge and understanding of a range of manufacturing relating activities as well as developed their personal skills and information to support them in choosing career pathways from the world of manufacturing.

Typical job roles include roles relating to:

- Manufacturing operations
- Process/assembly operations
- Materials transfer operations
- Inspection and testing activities

The qualification will provide progression onto other suitable and appropriate Level 3 and Level 4 manufacturing qualifications.

Qualification coverage

This qualification covers both the knowledge and the skills from a range of manufacturing disciplines and the content and structure allows for the appropriate level of understanding required to be assessed for the full occupational knowledge of the apprenticeship.

This qualification is a Level 2 Diploma and has a minimum Total Qualification Time of 370 hours of which 260 are guided learning hours and 110 are non-guided learning hours.

Qualification Objective

Qualification objectives are meeting relevant programmes of learning and supporting a role in the workplace.

Who is this qualification for?

This qualification has been specifically designed to be embedded with the apprenticeship standard: Lean Manufacturing Operative. The qualification can also be taken as a standalone qualification for individuals looking to advance their knowledge and skills within the manufacturing sector, or as an introductory regulated qualification for individuals exploring the range of pathways in the manufacturing environment.

Entry requirements

There are no formal entry requirements for learners selecting this qualification. Centres must ensure that learners have the potential and opportunity to achieve the qualification successfully. This qualification is not approved for use by learners under the age of 16 years and OAL cannot accept any registrations for learners under the age of 16.

Progression

This qualification will support progression of learners to:

- Lean Manufacturing Operative Apprenticeship Standard
- Other suitable and appropriate Level 3 and Level 4 manufacturing qualifications.

Regulatory information

Regulated by	Ofqual
Countries offered in:	England
Ofqual subject/sector areas:	4.2 Manufacturing technologies
Qualification operational start date:	1 October 2020
Applicable age ranges (years):	16-18; 19+

Assessment methods

This qualification is assessed using the following assessment methods:

- Portfolio of evidence

The portfolio of evidence may consist of various types of assessment evidence including work-based projects, observation of learner performance, question and answer, written records, assignments, projects etc. The portfolio is internally set and marked and quality assured by OAL. A portfolio mapping document is available for approved centres to download from the OAL portal.

Learners are required to achieve all learning outcomes and assessment criteria within the eight units of assessment. All assessment criteria must be assessed and achieved by learners.

Knowledge outcomes must be assessed using methods to meet the needs of learners this may include responses to oral or written questioning or the use of assignments or tests.

All assessments are subject to internal quality assurance within approved centres providing this qualification External quality assurance of assessment within approved centres is provided by OAL.

Grading

This qualification is not graded, successful learners will achieve a pass.

Qualification Structure

Qualification title: OAL Level 2 Diploma in Manufacturing (Knowledge and Skills)						
Qualification number (QN): 603/6783/0			Total Qualification Time (TQT) 370 hours			
Total qualification credits 37			Guided Learning Hours (GLH) 260			
Learners must achieve a total of 8 units in total: all 5 mandatory units, two units from Optional Group A and one unit from Optional Group B.						
Unit number	Title		Type	Level	Credit	GLH
Mandatory group of units						
1	T/618/5323	Health and Safety Within a Manufacturing Environment	K	2	4	30
2	A/618/5324	Communicating and Working Effectively Within aManufacturing Environment	K	2	4	30
3	F/618/5325	Working Relationships and Individual Rights and Responsibilities Within a Manufacturing Environment	K	2	4	30
4	J/618/5326	Workplace Organisational Techniques	C	2	4	30
5	R/618/5328	Work-related Problem-solving Techniques	C	2	6	40
Optional Group A						
6	Y/618/5329	Preparing for Manufacturing Operations	C	2	3	20
7	L/618/5330	Controlling Manufacturing Operations	C	2	3	20
8	R/618/5331	Handing Over and Concluding Manufacturing Operations	C	2	6	40
Optional Group B						
9	Y/618/5332	Producing Products by Assembly Operations	C	2	9	60
10	D/618/5333	Transferring Materials for Manufacturing Operations	C	2	9	60
11	H/618/5334	Receiving and Checking Incoming Materials for Manufacturing Operations	C	2	9	60
12	K/618/5335	Producing Products by Processing	C	2	9	60
13	M/618/5336	Finishing Products	C	2	9	60
14	T/618/5337	Analysing the Results of Inspection and ConfirmingQuality of Production	C	2	9	60
15	A/618/5338	Carrying Out Inspection and Testing Activities	C	2	9	60
16	F/618/5339	Recording and Reporting Inspection and Test Results	C	2	9	60

Key to unit type

1. Competence (C) units are designed to assess learner performance in respect of the learner's applied skills and knowledge in the workplace when carrying out operational tasks required by their role
2. Knowledge (K) units are designed to assess the learners' knowledge and understanding of related subject content, procedures, application of process or workplace practice

Qualification support and endorsement

This qualification is supported by a number of independent training providers and further education colleges and meets the requirements for completion of the Lean Manufacturing Operations Apprenticeship Standard, as approved by the Trailblazer group and the Institute for Apprenticeships and Technical Education, (IfATE).

Further information

Further information is available from our website: <http://www.oawards.co.uk>
or from customer services: customerservice@oawards.co.uk.

Registered centres: The qualification handbook, which contains additional information about this qualification, and assessment documentation is available from our online portal.

Website: <http://www.oawards.co.uk>

You can also contact OAL directly at:

Occupational Awards Ltd, Innovation Centre, Innovation Way, York YO10 5DG

Tel: 01904 236 483

Email: customerservice@oawards.co.uk

Qualification achievement

This qualification is made up of a total of 8 units of assessment: five units from the mandatory group, 2 units from optional group A and one unit from optional group B.

All units are allocated a credit value which provides an indication of the size of the units in terms of total qualification time (TQT), 1 credit = 10 TQT.

All units have been assigned total qualification time (TQT) and guided learning hours (GLH):

- GLH is the average estimated time that a learner will spend under the direct supervision of the tutor /trainer and includes invigilated and practical assessments
- TQT is the average time a learner will spend carrying out unsupervised learning activities

such as assignments, course work etc. **PLUS** the GLH

The units set out what learners need to know and understand or be able to do and these are described in learning outcomes in units of assessment. The learning outcomes are defined by assessment criteria and these criteria must be assessed successfully for a learner to achieve each unit.

Achievement of the required eight units will mean the qualification has been completed and will be subject to approval of a claim for certification. OAL will issue a certificate complete with the learner's name, the qualification title, the credits achieved, and the grade awarded.

Centres must ensure they understand all qualification requirements prior to the registration of learners and to carrying out assessment. Assessment of learners must not take place before the registration of the learner with OAL.

Centres must retain copies of learner assessment records for at least three years after certification. Registration and certification fees may be subject to change and centres should be fully aware of registration and certification end dates to ensure learners are not disadvantaged.