



**Qualification Specification**

Version 2: December 2021

**OAL Level 2 Diploma in  
Manufacturing (Knowledge and  
Skills)**

Qualification Number: **603/6783/0**

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

Qualification number (QN): 603/6783/0

## Qualification specification

### 1 Qualification purpose

This qualification is designed to offer the qualification that must be achieved as part of the Lean Manufacturing Operative Apprenticeship Standard. It is also a qualification that is on offer in 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.

### 2 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.

### 3 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.

## 4 Regulatory information

Regulated by	Ofqual
Countries offered in:	England
Ofqual subject/sector areas:	Manufacturing technologies
Qualification operational start date	1 <sup>st</sup> October 2020
Qualification review date:	31 <sup>st</sup> October 2023
Qualification type:	Occupational qualification
Applicable age ranges (years):	16-18; 19+

## 5 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:

- 260 Guided learning hours
- 110 Non-guided learning hours

## 6 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).

## 7 Further information

Further information about this qualification can be obtained from:

<https://www.oawards.co.uk/oal-l2-diploma-in-manufacturing-knowledge-skills/>

You can also contact OAL directly at:

Occupational Awards Ltd, The Catalyst, Baird Lane, Heslington, York, YO10 5GA

Tel: 01235 432032

Email: [customerservice@oawards.co.uk](mailto:customerservice@oawards.co.uk)

## 8 Qualification achievement

This qualification is made up of units of assessment that are a mixture of 5 mandatory units and a choice of 3 units to be chosen from 11 units across two groups. All units also have assigned Guided Learning Hours (GLH), which indicate the average number of hours a learner may require guidance and support from teaching, learning and assessment professionals. Each unit in this qualification has guided learning hours of between 20 and 60 guided learning hours.

Learners must achieve all mandatory units and three optional units to achieve the qualification at a Pass grade. The units set out the information that learners need to know and need to do in order to perform effectively in their role at work. 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. Grading is set at pass or refer, and the learner can resubmit a referred assignment to pass their work.

Achievement of all mandatory units and three optional units will mean the qualification has been completed and will be subject to grading and to approval of a claim for certification, OAL will issue a certificate complete with the learner's name, the qualification title and the credits and grade achieved. Where a learner has not achieved the full qualification and will not go on to do so, a Certificate of Unit Achievement can be issued for the units successfully completed, however these units will not be graded.

Centres must ensure they understand all qualification requirements prior to the registration of learners and prior to carrying out assessment of learners and the grading of the qualification. Assessment of learners must not take place prior to the registration date of the learner with OAL. Centres must retain copies of learner's assessment records for at least three years after certification. Registration and certification fees may be subject to change.

Centres should be fully aware of registration and certification end dates to ensure learners are not disadvantaged.

## 9 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 26			Guided Learning Hours (GLH) 260		
Learners must achieve a total of 8 units: all 5 mandatory units, two units from Optional Group A and one unit from Optional Group B.					
Mandatory group of units					
Unit number	Title	Type	Level	Credit	GLH
1	Health and Safety Within a Manufacturing Environment	K	2	3	30
2	Communicating and Working Effectively Within a Manufacturing Environment	K	2	3	30
3	Working Relationships and Individual Rights and Responsibilities Within a Manufacturing Environment	K	2	3	30
4	Workplace Organisational Techniques	C	2	3	30
5	Work-related Problem-solving Techniques	C	2	4	40
Optional Group A					
6	Preparing for Manufacturing Operations	C	2	2	20
7	Controlling Manufacturing Operations	C	2	2	20
8	Handing Over and Concluding Manufacturing Operations	C	2	4	40
Optional Group B					
9	Producing Products by Assembly Operations	C	2	6	60
10	Transferring Materials for Manufacturing Operations	C	2	6	60
11	Receiving and Checking Incoming Materials for Manufacturing Operations	C	2	6	60
12	Producing Products by Processing	C	2	6	60
13	Finishing Products	C	2	6	60
14	Analysing the Results of Inspection and Confirming Quality of Production	C	2	6	60

15	Carrying Out Inspection and Testing Activities	C	2	6	60
16	Recording and Reporting Inspection and Test Results	C	2	6	60