



Level 2 Diploma in Manufacturing (Knowledge and Skills)  
603/5151/2

## Qualification aim

This qualification is designed to support the Lean Manufacturing Operative Apprenticeship Standard, however, is also available for individuals who are not following an apprenticeship. It provides a structured individualised route with knowledge and skills for those who wish to achieve a qualification in lean manufacturing.

## Qualification introduction

This qualification is made up of three mandatory units that will help learners to develop an understanding of the available and relevant to their capabilities and aspirations. Its mandatory units are a step by step process to prepare, source and secure opportunities, in addition learners are required to achieve an additional 7 credits selected from the remaining 9 optional units and relevant to their individual circumstances. Learners who complete the qualification will be equipped with the knowledge, skills and resources to progress opportunities that progress their personal aspirations and circumstances.

## Assessment

In order to achieve this qualification a learner must complete all units as mandatory. The assessment criteria determine the standard required to achieve each unit and allow for a variety of assessment methods to be used as appropriate to the environment the qualification is delivered in. There is no examined assessment element in this qualification.

## Progression

On completion of this qualification learners will be prepared to progress to level 2 qualifications in a range of occupations within the sector, this could include but not limited to apprenticeships.

## Achievement

Learners must achieve a minimum of 37 credits, by completing the 5 mandatory units, a minimum of 2 units from Group A, with a minimum of one unit from Group B and a minimum of 2 units from Group C.

<b>Qualification Number</b>		603/5151/2
<b>Qualification Framework</b>		RQF
<b>Title</b>		ETCAL Level 2 Diploma in Manufacturing (Knowledge and Skills)
<b>Qualification Level</b>		Level 2
<b>Guided Learning Hours</b>		370 GLH
<b>Total Qualification Time</b>		370 TQT
<b>Qualification Credit Value</b>		37 Credits
<b>Qualification Grading Structure</b>		Pass / Fail

Unit Title	Mandatory/Optional	GLH	TQT	Credit Value	Grading
<b>Mandatory Group – all units must be completed</b>					
Health & Safety in a Manufacturing Environment	M	30	30	3	Pass/Fail
Communicating and Effective Working in a Manufacturing Environment	M	30	30	3	Pass/Fail
Working relationships including individual rights and responsibilities in a manufacturing environment	M	30	30	3	Pass/Fail
Workplace Organisation Application	M	30	30	3	Pass/Fail
Work-related problem-solving techniques	M	40	40	4	Pass/Fail
<b>Group A – a minimum of 2 units must be completed</b>					
Preparing for manufacturing operations	O	20	20	2	Pass/Fail
Controlling manufacturing operations	O	20	20	2	Pass/Fail
Concluding manufacturing operations	O	20	20	2	Pass/Fail

<b>Group B - a minimum of 1 unit must be completed</b>					
Transferring materials for manufacturing operations	○	60	60	6	Pass/Fail
Receiving and checking incoming materials for manufacturing operations	○	60	60	6	Pass/Fail
Producing products by using assembly operations	○	60	60	6	Pass/Fail
Producing products by processing	○	60	60	6	Pass/Fail
Finishing operations	○	60	60	6	Pass/Fail
<b>Group C – a minimum of 2 units must be completed</b>					
Transferring Materials for Manufacturing Operations	○	60	60	6	Pass/Fail
Receiving and Checking Incoming Materials for Manufacturing Operations	○	60	60	6	Pass/Fail
Analysing results of inspection and confirming the quality of production	○	60	60	6	Pass/Fail
Carrying out inspection and testing activities	○	60	60	6	Pass/Fail
Recording and reporting inspection and test results	○	60	60	6	Pass/Fail
<b>Total</b>		<b>820</b>	<b>820</b>	<b>82</b>	