

EAL Purpose Statement:

Qualification Title:	500/9852/4 EAL Level 3 NVQ Diploma in Mechanical Manufacturing Engineering (QCF)
Qualification Overview:	<p>A qualification designed to cover the skills and knowledge of a wide variety of mechanical manufacturing engineering activities such as machining, pipe fitting and assembly and spring making.</p> <p>What does this qualification cover?</p> <ul style="list-style-type: none"> • The qualification comprises of nine pathways – Machining, CNC Machining, Machine Tool Setting, Fitting and Assembly, Pipe Fitting and Assembly, Composite Manufacture Engineering, Mechanical Overhaul and Test, Spring Making and Photonics Engineering. From their chosen pathway, the learner is required to complete all three mandatory assessment routes, plus the required number of assessment route(s). It involves the skills and knowledge needed to do the job, ability to organise work and identify and prevent problems, which ensures the learner is competent in a particular task. • The achievement will encourage an employee to value their contribution to the workplace, and it will develop their skills and potential. • It is accredited by Ofqual at QCF Level three. <p>Who could take this qualification? OR who is this qualification designed for?</p> <ul style="list-style-type: none"> • individuals who need recognition of their competence in one or more of a wide variety of mechanical manufacturing engineering activities and also need a nationally recognised qualification at Level 3 • learners who are undertaking a SEMTA Apprenticeship and wish to progress onto an Advanced Apprenticeship • those who are working in a mechanical manufacturing engineering environment and would like to work towards a relevant Level 3 qualification • those who are new to mechanical manufacturing engineering but are looking for a career change and wish to develop new skills within the industry. <p>It is suitable for learners aged:</p> <ul style="list-style-type: none"> • 16-18 • 19+
What could this qualification lead to?	<p>Typical job roles include:</p> <p>Engineering Craft/CNC Machinist, Manufacturing Production Planner, Mechanical Engineer, Mechanical Engineering Technician, Plastics Process Operative, Production Engineer.</p> <p>This qualification relates to the following EAL qualifications:</p> <ul style="list-style-type: none"> • Any EAL Level 4 qualification • Any EAL Level 3 Engineering qualification • EAL Level 4 NVQ Diploma in Business Improvement Techniques • EAL Level 3 Diploma in Mechanical Engineering Technology (Technical Certificate) • EAL Level 4 Diploma in Engineering Leadership • EAL Level 3 Diploma in Business Improvement Techniques

	<p>Apprenticeships: This qualification forms part of the Sema apprenticeship frameworks.</p>
<p>Who supports this qualification?</p>	<p>The qualification is supported by the Engineering Council, and recognised by the Institute of Mechanical Engineers (IMechE) for EngTech status.</p>