

UNIT 9: ENGINEERING PROCESSES

Student:

Candidate No:

Centre No: 12111

BANNER CRITERIA	
an outline production plan	
an outline service plan	
a written risk assessment for the activity	

GRADE :	MARK :
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E1	accurate identification of the specific techniques used in the manufacture of a range of engineered products	
E2	selection of suitable specific techniques to make or modify engineered products	
E3	use of appropriate product and production information to develop a simple production plan which correctly identifies and sequences all key features of production	
E4	use of one specific technique from each process to manufacture an engineered product safely	
E5	use of appropriate information about machinery and equipment and its maintenance to develop a simple service plan or maintenance schedule for the process	
E6	identification of key risks associated with the process or servicing, suggesting reasonable ways of minimising them, and work safely throughout	
E7	selection and use of appropriate tools and equipment to meet the requirements of the service plan	
E8	safely use a range of specific techniques and associated equipment yourself	
E9	check that the product has been made to specification, in accordance with the production plan, and that machinery and equipment is maintained in accordance with a service plan.	
C1	considered and informed choices about appropriate specific techniques and equipment, based on a broad understanding of how these are used in industry	
C2	ability to work confidently with a range of specific techniques	
C3	you can plan your work well, and adapt your plans to ensure the outcome meets the product specification	
C4	use of appropriate engineering terminology accurately in all planning and recording documentation.	
A1	you can draw on a range of considerations in developing your plans, and be able to critically evaluate these	
A2	critical evaluation of a range of specific techniques for use in your work and in the way they are used in other products	
A3	identification of any limitations of the processes used in your manufacturing or modifying operation.	