

Please read the instructions printed at the end of this form. One of these sheets, suitably completed, should be attached to the assessed work of each candidate.

Unit Title	Preparing and planning for manufacture	Unit Code	R110	Series Jan / June	Year	2	0		
Centre Name		Centre Number							
Candidate Name		Candidate Number							

Marking Criteria – Total Marks for this unit is 60

Mark Band 1	Mark Band 2	Mark Band 3	Teacher Comment	Page
LO1: Be able to plan for the making of a pre-production product				
<p>With limited accuracy interprets 2D and 3D engineering drawings.</p> <p>Demonstrates a limited understanding of standard drawing conventions.</p> <p>Identifies some of the relevant details and requirements appropriate to the making of a pre-production product.</p> <p style="text-align: right;">1 – 2 marks</p>	<p>With some accuracy interprets 2D and 3D engineering drawings.</p> <p>Demonstrates a sound understanding of standard drawing conventions.</p> <p>Identifies most of the relevant details and requirements appropriate to the making of a pre-production product.</p> <p style="text-align: right;">3 – 4 marks</p>	<p>Accurately interprets 2D and 3D engineering drawings.</p> <p>Demonstrates a thorough understanding of standard drawing conventions.</p> <p>Identifies all relevant details and requirements appropriate to the making of a pre-production product.</p> <p style="text-align: right;">5 – 6 marks</p>	<div style="border: 1px solid black; width: 60px; height: 60px; margin: auto; display: flex; align-items: center; justify-content: center;"> Mark </div>	
<p>Produces a basic production plan with limited detail and some reference to manufacturing operations. With regular assistance identifies appropriate tools, equipment and manufacturing processes, showing limited consideration of health and safety requirements and quality control checks.</p> <p style="text-align: right;">1 – 4 marks</p>	<p>Produces a production plan with adequate detail, showing a sequence of manufacturing operations. With occasional assistance identifies appropriate tools, equipment and manufacturing processes, showing some consideration of health and safety requirements and quality control checks.</p> <p style="text-align: right;">5 – 8 marks</p>	<p>Produces a detailed production plan, showing an effective sequence of manufacturing operations. Independently identifies appropriate tools, equipment and manufacturing processes with clear consideration of health and safety requirements and quality control checks.</p> <p style="text-align: right;">9 – 12 marks.</p>	<div style="border: 1px solid black; width: 60px; height: 60px; margin: auto; display: flex; align-items: center; justify-content: center;"> Mark </div>	

LO2: Be able to use processes, tools and equipment safely to make a pre-order product			Teacher Comment	Page
<p>Requires regular assistance to apply appropriate working practices when using hand and machine processes.</p> <p>With guidance, uses tools and equipment safely during the making of the product.</p> <p style="text-align: right;">1 – 4 marks</p>	<p>Works competently with occasional assistance. Applies appropriate working practices on most occasions when using hand and machine processes.</p> <p>Uses tools and equipment safely with some consistency during the making of the product. Identifies and uses PPE where necessary.</p> <p style="text-align: right;">5 – 8 marks</p>	<p>Works independently and competently. Applies appropriate working practices when using hand and machine processes.</p> <p>Consistently uses tools and equipment safely during the making of the product. Identifies and uses PPE where necessary.</p> <p style="text-align: right;">9 –12 marks</p>	<div style="border: 1px solid black; width: 50px; height: 50px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> Mark </div>	
<p>Produces a pre-production product that meets some of the requirements of the engineering drawing and may be part finished. Produces a basic review of the quality of the product.</p> <p>Draws upon limited skills/knowledge /understanding from other units in the specification.</p> <p style="text-align: right;">1 – 6 marks</p>	<p>Completes a pre-production product that meets most of the requirements of the engineering drawing. Produces a review of the quality of the product using some appropriate quality control checks.</p> <p>Draws upon some relevant skills /knowledge/understanding from other units in the specification.</p> <p style="text-align: right;">7 – 12 marks</p>	<p>Completes a pre-production product that meets all of the requirements of the engineering drawing. Produces a thorough review of the quality of the product using appropriate quality control checks.</p> <p>Clearly draws upon relevant skills/knowledge/understanding from other units in the specification.</p> <p style="text-align: right;">13 – 18 marks</p>	<div style="border: 1px solid black; width: 50px; height: 50px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> Mark </div>	

LO3: Be able to modify a production plan for different scales of production.					Teacher Comment	Page
Identifies some areas of the production plan that require modification to reflect increased scale of production. Suggests some limited modifications to the production plan for making the product in quantity.	Identifies most areas of the production plan that require modification to reflect increased scale of production. Makes mostly appropriate modifications to the production plan for making the product in quantity.	Identifies all areas of the production plan that require modification to reflect increased scale of production. Makes appropriate modifications to the production plan for making the product in quantity.			<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">Mark</div>	
1 – 4 marks	5 – 8 marks	9 – 12 marks	Total/60			
If this work is a re-sit, please tick	Session and Year of previous submission	Jan / June	2	0	Please tick to indicate this work has been standardised internally	

Guidance on Completion of this Form

Please note: This form may be updated on an annual basis. The current version of this form will be available on the OCR website (www.ocr.org.uk).

Guidance on Completion of this Form

- 1 **One** sheet should be used for each candidate.
- 2 Please ensure that the appropriate boxes at the top of the form are completed.
- 3 Please enter *specific* page numbers where evidence can be found in the portfolio, and where possible, indicate to which part of the text in the mark band the evidence relates.
- 4 Circle the mark awarded for each strand of the marking criteria in the appropriate box and enter the circled mark in the final column.
- 5 Add the marks for the strands together to give a total out of 60 Enter this total in the relevant box.