

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	Innovative design and enterprise	Unit Code	F562	Session	Jan / June	Year	2	0		
Centre Name						Centre Number				
Candidate Name						Candidate Number				

Marking Criteria – total marks for this unit is 60				Teacher Comment	Page
Ref	Band 1	Band 2	Band 3	<div style="border: 1px solid black; padding: 10px; width: 100px; margin: 0 auto;">Mark</div>	
1.1	<p>Has carried out some limited research into a successful engineered product and associated entrepreneur. Has used a limited range of sources</p> <p>Has explained why the product has been successful</p> <p style="text-align: right;">[0 1 2 3 4]</p>	<p>Has planned and carried out reasonable research into a successful engineered product and associated entrepreneur</p> <p>Has drawn on a range of relevant sources</p> <p>Has explored issues from different perspectives</p> <p>Has acknowledged sources and included them as evidence</p> <p>Has clearly explained why the product has been successful</p> <p style="text-align: right;">[5 6 7 8]</p>	<p>Has planned and carried out thorough research into a successful engineered product and associated entrepreneur</p> <p>Has drawn on a range of sources, which are acknowledged and included as evidence</p> <p>Has explored issues from different perspectives appreciating the consequences of decisions</p> <p>Relevant information has been clearly identified and verified</p> <p>Has fully explained why the product has been successful</p> <p style="text-align: right;">[9 10 11 12]</p>		

2.1	<p>Has identified engineered products that use new technologies</p> <p>Has described the engineered product in terms of its innovation and use of new technology at the time of its development</p> <p>Has explored possibilities for future innovation</p> <p style="text-align: right;">[0 1 2 3 4]</p>	<p>Has considered how 'Entrepreneurship' has given rise to innovative engineering designs</p> <p>Has analysed the engineered product as an example of innovative engineered design</p> <p>Has suggested possible developments exploiting new and emerging technologies</p> <p style="text-align: right;">[5 6 7 8]</p>	<p>Has considered in detail how 'Entrepreneurship' has given rise to a range of innovative engineering designs</p> <p>Has analysed in depth the engineered product as an example of innovative engineering design</p> <p>Has critically considered possible developments exploiting new and emerging technologies</p> <p style="text-align: right;">[9 10 11 12]</p>	<div style="border: 1px solid black; padding: 10px; width: 50px; margin: 0 auto;">Mark</div>
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Marking Criteria – total marks for this unit is 60							Teacher Comment			Page		
Ref	Band 1	Band 2	Band 3									
3.1	<p>Has described commercial issues of developing, marketing and selling of new products or ideas</p> <p style="text-align: right;">[0 1 2 3 4]</p>	<p>Has described in detail commercial issues of: developing, marketing and selling of new products or ideas</p> <p>Has evaluated these commercial aspects in relation to the product studied</p> <p style="text-align: right;">[5 6 7 8]</p>	<p>Has discussed in detail commercial issues of: developing, marketing and selling of new products or ideas</p> <p>Has provided critical evaluation of these commercial aspects in relation to the product studied and included consideration of alternative methods</p> <p style="text-align: right;">[9 10 11 12]</p>	<div style="border: 1px solid black; padding: 10px; width: 50px; margin: 0 auto;">Mark</div>								
4.1	<p>Has identified specific examples of the impact of engineering on the environment</p> <p>Has described the social impact of engineering</p> <p style="text-align: right;">[0 1 2 3 4]</p>	<p>Has produced a detailed explanation of the environmental and social impact of engineering</p> <p>Has produced an evaluation of the environmental and social impact of the product studied</p> <p style="text-align: right;">[5 6 7 8]</p>	<p>Has produced a justified explanation of the environmental and social impact of engineering</p> <p>Has produced a critical evaluation of the environmental and social impact of the product studied</p> <p style="text-align: right;">[9 10 11 12]</p>	<div style="border: 1px solid black; padding: 10px; width: 50px; margin: 0 auto;">Mark</div>								

5.1	Has identified examples of sustainable engineered products and their associated resources [0 1 2 3 4]	Has presented a description of sustainable engineering. Has explored issues from different perspectives Has evaluated the sustainability of resources used in engineering Has produced a conclusion as to whether the product studied could be regarded as an example of sustainable engineering [5 6 7 8]	Has presented a detailed explanation of sustainable engineering Has explored issues from different perspectives Has evaluated and assessed the sustainability of resources used in engineering. Balanced diverse views in order to reach workable conclusion <i>Continued on next page</i>	Mark
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Marking Criteria – total marks for this unit is 60								Teacher Comment			Page		
Ref	Band 1	Band 2	Band 3										
5.1			<i>Cont.</i> Has justified the extent to which the engineered product could be regarded as an example of sustainable engineering, at the time of its development, during manufacture and also in present usage [9 10 11 12]										
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						

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 Enter this total in the relevant box.