

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	Maintaining engineering systems	Unit Code	F560	Session	Jan / June	Year	2	0		
Centre Name						Centre Number				
Candidate Name						Candidate Number				

Marking Criteria – total marks for this unit is 30				Teacher Comment	Page
Ref	Band 1	Band 2	Band 3	Mark	
1.1 1.2 1.3 1.4	<p>Collects data and applies some basic statistical methods seeking guidance where necessary,</p> <p>analyses a range of data, produces a basic maintenance strategy</p> <p>Undertake a maintenance activity</p> <p>[0 1 2 3 4]</p>	<p>Selects, collects and structures a limited range of data and applies statistical methods,</p> <p>analyses a range of data and draws justified conclusions to determine a maintenance strategy</p> <p>Undertake a maintenance activity</p> <p>[5 6 7 8]</p>	<p>Independently selects, collects and structures complex data and accurately applies statistical methods,</p> <p>analyses a wide range of complex data and draws justified conclusions</p> <p>Produce a detailed maintenance strategy</p> <p>Undertake a maintenance activity</p> <p>[9 10 11 12]</p>		
2.1 2.2	<p>Identifies some types of system failure and suggest some methods of predicting system failure modes</p> <p>[0 1 2]</p>	<p>Evaluate various types of system failure and details some methods of predicting system failure modes</p> <p>[3 4]</p>	<p>Explains, evaluates, selects and justifies a range of methods for predicting the failure modes of a complex system</p> <p>[5 6]</p>		
3.1	<p>Evaluate the correlation between maintenance plans and the operational effects</p> <p>[0 1 2]</p>	<p>Evaluate the correlation between maintenance plans and the operational and strategic effects</p> <p>[3 4]</p>	<p>Evaluate the correlation between maintenance plans and the operational and strategic effects and justify the selection of the most appropriate plan</p> <p>[5 6]</p>		

Marking Criteria – total marks for this unit is 30							Teacher Comment	Page
Ref	Band 1	Band 2	Band 3				Mark	
3.2	Carry out a cost benefits analysis for a maintenance plan [0 1 2]	Carry out a cost benefits analysis for a complex maintenance plan [3 4]	Carry out a cost benefits analysis for a complex maintenance plan and justify the financial factors used [5 6]					
Total/30								
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 30. Enter this total in the relevant box.