

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.

<b>Unit Title</b>	<b>Manufacturing engineering</b>	<b>Unit Code</b>	<b>F553</b>	<b>Session</b>	Jan / June	<b>Year</b>	<b>2</b>	<b>0</b>		
<b>Centre Name</b>						<b>Centre Number</b>				
<b>Candidate Name</b>						<b>Candidate Number</b>				

Marking Criteria – total marks for this unit is 60						Teacher Comment	Page
Ref	Band 1	Band 2	Band 3			Mark	
<b>As part of a team</b>							
1.1	Has detailed and selected manufacturing methods and processes in order of the prescribed product  <b>[0 1 2]</b>	Has contributed to the plan of manufacture of the prescribed product identifying alternative methods and processes. Selected correct manufacturing procedures to be adopted  <b>[3 4]</b>	Has made a significant contribution to a detailed plan of manufacture of the prescribed product identifying alternative methods and processes. Selected and fully justified correct procedures to be adopted  <b>[5 6]</b>				
1.2	Has made a basic input into the team planning of the operation  <b>[0 1 2 3 4]</b>	Has made a basic input into the planning of the team operation and has contributed by undertaking a responsible role  <b>[5 6 7 8]</b>	Has been instrumental in ensuring the success of the team operation by undertaking a significant role  <b>[9 10 11 12]</b>				
<b>Individually</b>							
2.1	Has listed some basic quality checks  <b>[0 1 2 3]</b>	Has produced a number of quality control checks and has an awareness of basic statistical testing  <b>[4 5 6]</b>	Has fully detailed appropriate quality control checks using actual and statistical testing methods  <b>[7 8 9]</b>				

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3.1 3.2	Has, under supervision, set up a machining operation  <b>[0 1 2]</b>	Has set up a complex machining operation  <b>[3 4 5]</b>	Has fully explained the procedures and detailed sequencing of setting up a complex machining operation, has set up the operation  <b>[6 7]</b>										
3.5	Has produced a basic risk assessment for the operation  <b>[0 1 2]</b>	Has produced a risk assessment that is limited to some important aspects of the operation  <b>[3 4 5]</b>	Has anticipated and managed risks  <b>[6 7]</b>										
3.4	Has, with some guidance, manufactured multiple components  <b>[0 1 2]</b>	Has, with some assistance, manufactured multiple components  <b>[3 4 5]</b>	Has independently manufactured multiple components  <b>[6 7]</b>										
2.1 3.3	Has recorded basic data from the application of the chosen quality tests  <b>[0 1 2 3 4]</b>	Has produced a limited set of data with analysis from the chosen quality tests  <b>[5 6 7 8]</b>	Has produced a detailed report on the data findings of the chosen quality tests. Has interpreted the data in order to analyse the performance of the machining operation  <b>[9 10 11 12]</b>				Mark						
<b>Total/60</b>													
If this work is a re-sit, please tick		Session and Year of previous submission		Jan / June	<b>2</b>	<b>0</b>	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](http://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.