

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	Manufacturing engineering	Unit Code	F553	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	Mark	
As part of a team					
1.1	Has detailed and selected manufacturing methods and processes in order of the prescribed product [0 1 2]	Has contributed to the plan of manufacture of the prescribed product identifying alternative methods and processes. Selected correct manufacturing procedures to be adopted [3 4]	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 [5 6]	Mark	
1.2	Has made a basic input into the team planning of the operation [0 1 2 3 4]	Has made a basic input into the planning of the team operation and has contributed by undertaking a responsible role [5 6 7 8]	Has been instrumental in ensuring the success of the team operation by undertaking a significant role [9 10 11 12]		
Individually					
2.1	Has listed some basic quality checks [0 1 2 3]	Has produced a number of quality control checks and has an awareness of basic statistical testing [4 5 6]	Has fully detailed appropriate quality control checks using actual and statistical testing methods [7 8 9]	Mark	

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3.1 3.2	Has, under supervision, set up a machining operation [0 1 2]	Has set up a complex machining operation [3 4 5]	Has fully explained the procedures and detailed sequencing of setting up a complex machining operation, has set up the operation [6 7]										
3.5	Has produced a basic risk assessment for the operation [0 1 2]	Has produced a risk assessment that is limited to some important aspects of the operation [3 4 5]	Has anticipated and managed risks [6 7]										
3.4	Has, with some guidance, manufactured multiple components [0 1 2]	Has, with some assistance, manufactured multiple components [3 4 5]	Has independently manufactured multiple components [6 7]										
2.1 3.3	Has recorded basic data from the application of the chosen quality tests [0 1 2 3 4]	Has produced a limited set of data with analysis from the chosen quality tests [5 6 7 8]	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 [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 60. Enter this total in the relevant box.