OCCROCR Level 1/Level 2 Cambridge National in Engineering
Manufacture
Qualification J823
Unit R015
Unit Recording Sheet

Please read the ins	structions	printed at the end of this form. A Unit Recording Shee	et must be complet	ted for each car	ndidate and unit				
Unit Title	Ma	nufacturing a one-off product	Unit Code	R015	Session	Year	2	0	
Scenario Title			·			·			
Centre Name						Centre Number			
Candidate Nam	ie					Candidate Number			

	Teacher Comments	Mark	Page No.		
Task 1 – Topic Areas 1.1, 1.2: plan					
MB1: 1 - 5 marks	MB2: 6 - 10 marks	MB3: 11- 14 marks			
A basic plan that includes information that could be used when making the product, however additional content would be required to facilitate manufacture.	An adequate plan that includes information that could be used when making the product to facilitate manufacture.	A comprehensive plan that includes all the information required to facilitate manufacture of the product.			
A few of the materials needed are identified.	Some of the materials needed are identified.	All materials needed are accurately identified.			
Few suitable processes, tools and equipment are identified.	Some of the processes, tools and equipment are suitable and presented in a workable sequence.	All processes, tools and equipment are appropriate and presented in a logical sequence.			
Few health and safety issues have been considered.	Some health and safety issues have been considered.	All health and safety issues have been considered.			
At least one quality control measure has been identified.	Some quality control measures identified.	Appropriate quality control measures identified to support the manufacture of an effective outcome.			
[1 2 3 4 5]	[6 7 8 9 10]	[11 12 13 14]			
				/14	

	Teacher Comments	Mark	Page No.		
Task 2 – Topic Area 1.3: Risk					
MB1: 1 - 2 marks	MB2: 3 - 4 marks	MB3: 5- 6 marks			
At least one potential hazard is identified and the risk of occurrence estimated.	Some potential hazards are identified and the risk of occurrence for each is estimated.	All of the potential hazards of the process are identified and the risk of occurrence for each is estimated.			
At least one control measure has been identified.	Appropriate control measures identified for some of the hazards.	Appropriate control measures identified for all of the hazards.			
[1 2]	[3 4]	[5 6]			
				/6	

	Teacher Comments	Mark	Page No.		
Task 3 – Topic Areas 2.1 and					
MB1: 1 - 4 marks MB2: 5 - 8 marks MB3: 9 - 12 marks					
Use at least one item of measuring equipment.	Select and use some appropriate items of measuring equipment.	All measuring equipment is selected and used appropriately.			
Safely use a few items of marking out equipment.	Select and safely use marking out equipment for some of the features.	Select and safely use appropriate marking out equipment for all of the features.			
Dependent upon assistance or help from other sources to measure and mark out accurately.	Accurate measuring and marking out is carried out with some assistance or help from other sources.	Able to accurately measure and mark out independently .			
[1 2 3 4]	[5 6 7 8]	[9 10 11 12]		/12	

	Teacher Comments	Mark	Page No.		
Task 4 – Topic Area 3.1: Manually controlled machining processes					
MB1: 1 - 5 marks MB2: 6 - 10 marks MB3: 11- 14 marks					
Dependent upon reminders of safety requirements in order to work safely.	Worked safely with some reminders of safety requirements.	Worked safely at all times without additional instruction.			
Basic application of understanding and skills to partly achieve the intended result, but it would not be useable without further input/work.	Adequate application of understanding and skills to produce the intended result in a way that would be useable for its purpose.	Effectively applies understanding and skills to successfully produce the intended result in a way that would be fit-for-purpose.			
Dependent upon assistance or help from other sources to use machinery to successfully manufacture the required part.	Machinery is used to successfully manufacture the required part with some assistance or help from other sources.	Able to use machinery to successfully manufacture the required part independently .			
[1 2 3 4 5]	[6 7 8 9 10]	[11 12 13 14]		/14	-

Marking Criteria			Teacher Comments	Mark	Page No.
Task 5 – Topic Areas 3.2 and					
MB1: 1 - 5 marks	MB2: 6 - 10 marks	MB3: 11- 14 marks			
Dependent upon reminders of safety requirements in order to work safely.	Worked safely with some reminders of safety requirements.	Worked safely at all times without additional instruction.			
Basic application of understanding and skills to partly achieve the intended result, but it would not be useable without further input/work.	Adequate application of understanding and skills to produce the intended result in a way that would be useable.	Effectively applies understanding and skills to successfully produce the intended result in a way that would be fully fit-for-purpose.			
Dependent upon assistance or help from other sources to use tools and equipment to successfully manufacture the part(s) and assemble the product.	Tools and equipment are used to successfully manufacture the part(s) and assemble the product with some assistance or help from other sources.	Able to use tools and equipment independently to successfully manufacture the part(s) and assemble the product.			
[1 2 3 4 5]	[6 7 8 9 10]	[11 12 13 14]		/14	
	Total				

R015/URS

Please tick to confirm 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).

A Centre Authentication form (CCS160) must be completed for each submission to the moderator. This must be held in your centre to be available on request at centre inspection.

Guidance on Completion of this Form

- 1 One form should be used for every candidate.
- 2 Please make sure that all parts 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/highlight the mark awarded for each strand of the marking criteria in the appropriate box.
- 5 Enter the circled/highlighted mark in the 'Mark' column.
- 6 Add the marks for the strands together to give a total out of 60. Enter this total in the relevant box.
- 7 For Paper-based submissions, one of these sheets, suitably completed, should be attached to the assessed work of each candidate.
- 8 For Electronic Internal submissions, prior to submitting 'candidate evidence' to OCR (via the Repository/SfA or via a USB), the Centre should add a separate folder containing the Unit Recording Sheets.