

Please read the instructions printed at the end of this form. A Unit Recording Sheet must be completed for each candidate and unit.											
Unit Title	Communicating designs				Unit Code	R039	Session		Year	2	0
Scenario Title											
Centre Name							Centre Number				
Candidate Name							Candidate Number				
Marking Criteria							Teacher Comments	Mark	Page No.		
Task 1 – Topic Area 1: Manual production of freehand sketches											
MB1: 1 - 4 marks		MB2: 5 - 8 marks		MB3: 9 - 12 marks							
Produces a limited range of creative freehand design proposals. Limited consideration of the design specification. Uses a basic range of techniques.		Produces an adequate range of creative freehand design proposals. Partial consideration of the design specification. Uses an adequate range of techniques.		Produces a wide range of creative and innovative freehand design proposals. Fully considers the design specification. Uses a comprehensive range of techniques.							
[1 2 3 4]		[5 6 7 8]		[9 10 11 12]							
								/12			

Marking Criteria			Teacher Comments	Mark	Page No.
Task 1 (continued) – Topic Area 1: Manual production of freehand sketches					
MB1: 1 - 2 marks	MB2: 3 - 4 marks	MB3: 5 - 6 marks			
Evidence of analysis of design proposals with limited annotation. Justification demonstrates limited understanding of needs and wants of the client/user. [1 2]	Evidence of analysis of design proposals, with some annotation. Justification demonstrating some understanding of needs and wants of the client/user. [3 4]	Extensive evidence of analysis of design proposals that are fully annotated. Justification demonstrating a detailed understanding of needs and wants of the client/user. [5 6]			
			/6		

Marking Criteria			Teacher Comments	Mark	Page No.
Task 2 – Topic Area 1: Manual production of freehand sketches – Design Development					
MB1: 1 - 4 marks	MB2: 5 - 8 marks	MB3: 9- 12 marks			
Produces a basic freehand sketch of design proposal. Brief explanation of the key features of a design proposal with limited annotation. Limited consideration of the design specification. [1 2 3 4]	Produces adequate freehand sketches of design proposal. Adequate explanation of the key features of a design proposal with some annotation. Some consideration of the design specification. [5 6 7 8]	Produces comprehensive freehand sketches of design proposal. Detailed explanation of the key features of a design proposal that is fully annotated. Fully considers the design specification. [9 10 11 12]			
			/12		

Marking Criteria			Teacher Comments	Mark	Page No.
Task 3 – Topic Area 2: Manual production of engineering drawings					
MB1: 1 - 4 marks	MB2: 5 - 8 marks	MB3: 9- 12 marks			
Produces a basic orthographic drawing. Produces an assembly drawing that is limited in detail. Production of drawings is dependent upon assistance or help from other sources. <div style="text-align: right;">[1 2 3 4]</div>	Produces an adequate and accurate orthographic drawing. Produces an assembly drawing with some detail. Drawings are produced with some assistance or help from other sources. <div style="text-align: right;">[5 6 7 8]</div>	Produces a comprehensive orthographic drawing. Produces a fully detailed assembly drawing. Drawings are produced independently . <div style="text-align: right;">[9 10 11 12]</div>			
			/12		

Marking Criteria			Teacher Comments	Mark	Page No.
Task 4 – Topic Area 3: Use of Computer Aided Design (CAD)					
MB1: 1 - 6 marks	MB2: 7 - 12 marks	MB3: 13- 18 marks			
Use of CAD to produce a simple model of the design proposal. A simple 3D virtual model consisting of a very limited number of components. Production of a 3D virtual model is dependent upon assistance or help from other sources. [1 2 3 4 5 6]	Use of CAD to produce an adequate model of the design proposal. An adequate 3D virtual model consisting of some components. Production of 3D virtual model is produced with some assistance or help from other sources. [7 8 9 10 11 12]	Use of CAD to produce a complex model of the design proposal. A detailed 3D virtual model consisting of many components. 3D virtual models are produced independently . [13 14 15 16 17 18]			
Total				/18	
				/60	

Please tick to confirm this work has been standardised internally	
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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.