



FRM/EDPD/042

CARIBBEAN EXAMINATIONS COUNCIL
CARIBBEAN SECONDARY EDUCATION CERTIFICATE®

MODERATOR'S COMMENTS AND RATINGS
ON SCHOOL-BASED ASSESSMENT

BUILDING AND FURNITURE TECHNOLOGY

PROCESS AND PRODUCT EVALUATION

CENTRE NO.:

CANDIDATE NO.:

**CARIBBEAN EXAMINATIONS COUNCIL
CARIBBEAN SECONDARY EDUCATION CERTIFICATE®**

**SCHOOL-BASED ASSESSMENT
INDUSTRIAL TECHNOLOGY
OPTION C – BUILDING AND FURNITURE TECHNOLOGY
TECHNICAL PROFICIENCY
DETAILED MARK SCHEME**

To be used by the moderator in the assessment of candidates' work

		Maximum Mark		
		KC	UK	PA
CORE				
Fundamentals of Industry				
Organization of a selected construction industry - Organizational structure clearly stated - Partial organizational structure identified	- 3 marks - 1-2 marks	03		
Organization of a selected manufacturing industry - Organizational structure clearly stated - Partial organizational structure identified	- 3 marks - 1-2 marks	03		
Set of safety rules - Five to ten safety rules for an industry or occupational area - Less than five safety rules for an industry or occupational area	- 3-4 marks - 1-2 marks	04		
Report of an accident - Detailed accident report indicating time, place and nature of accident, who was impacted and remedies employed - One to two factors are missing from the report - Very limited report with most factors missing	- 5 marks - 3-4 marks - 1-2 marks		05	
Small business plan - Business plan to include statement of purpose, description of business, services, marketing plan and how the business will be operated - Limited plan, with several elements missing	- 3- 5 marks - 1-2 marks		05	
Design Principles and Processes				
Design analysis of a simple manufactured product - Detailed analysis of product to include the six elements of design - One to two design elements are not included - Very limited use of the design elements in the product analysis	- 5 marks - 3-4 marks - 1-2 marks		05	
Information Communication Technology				
PowerPoint presentation - At least six slides presented with suitable font size and uncluttered text - Three to four slides presented with suitable font size and uncluttered text - Slides presented with a small font size and text is cluttered	- 5 marks - 3-4 marks - 1-2 marks		05	
Sub-Total		10	20	

		Maximum Mark		
		KC	UK	PA
Site Work Operations Project				
Layout of a Building				
Establishing base/building line				02
- Building line clearly established	- 2 marks			
Establishing corner profiles				03
- Corner profiles are correctly placed and adjusted for level	- 2-3 marks			
- Some corner profiles are correctly placed but are not adjusted for level	- 1 mark			
Ensuring layout is square				02
- Appropriate method is used to ensure layout is square	- 2 marks			
- Squaring method is inconsistently used	- 1 mark			
Establishing trench and wall widths				03
- All trench and wall widths are correctly established	- 3 marks			
- Some trench and wall widths are correctly established	- 1-2 marks			
	Sub-Total			10
Basic Architectural Drawing Project				
Design/redesign of a building component				
Description of the problem				04
- A full description of the problem is given with supporting sketches	- 4 marks			
- A full description of the problem is given, but there are no supporting sketches	- 3 marks			
- A partial description is given	- 1-2 marks			
Possible solutions				06
- Two or more possible solutions with annotations are provided	- 6 marks			
- One possible solution is provided with annotations	- 4 marks			
- One solution is provided without annotations	- 3 marks			
- Solutions provided are weak and poorly done	- 1-2 marks			
Orthographic drawings				12
- A complete set of orthographic drawings with all required details is provided for the chosen solution	- 10-12 marks			
- A complete set of orthographic drawings with some required details is provided for the chosen solution	- 7-9 marks			
- A partial set of orthographic drawings with required details is provided for the chosen solution	- 4-6 marks			
- A partial set of orthographic drawings with many details missing is provided for the chosen solution	- 1-3 marks			
List of materials and cost				08
- A complete list of materials and costs is provided	- 7-8 marks			
- A partial list of materials and costs is provided	- 5-6 marks			
- A complete list of materials only is provided	- 3-4 marks			
- A partial list of materials and no costs is provided	- 1-2 marks			
Steps of procedure				10
- Complete steps of procedure for the chosen solution are provided	- 9-10 marks			
- Most of the steps of procedure for the chosen solution are provided	- 6-8 marks			
- Some steps in the procedure do not match the chosen solution	- 3-5 marks			
- Very few steps in the procedure are provided	- 1-2 marks			
	Sub-Total			40

		Maximum Mark		
		KC	UK	PA
Construction Project				
Pictorial Sketch				03
- Clear line work, components in good proportion, neat sketches and good layout	- 3 marks			
- Clear line work, components slightly out of proportion	- 2 marks			
- Line work not clear, components out of proportion and presentation can be improved	- 1 mark			
Procedure				04
- Steps of procedure are in logical order with relevant notes included	- 4 marks			
- Steps of procedure are in logical order with some relevant notes missing	- 3 marks			
- Steps of procedure are not in logical order and relevant notes are missing	- 1-2 mark			
List of Materials				04
- All materials listed by name, specifications listed with allowances for cutting and working	- 4 marks			
- All materials listed by name, specifications listed without adequate allowances for cutting and working	- 3 marks			
- Some materials listed by name with insufficient information	- 1-2 mark			
Layout and Construction				06
- Conforms to plans with all parts accurately and neatly constructed	- 6 marks			
- Conforms to plans with some parts accurately and neatly constructed	- 4-5 marks			
- Does not conform to plan with some parts poorly constructed	- 1-3 marks			
Joints				06
- Most suitable for construction of the project with excellent fit and precise shape	- 5-6 marks			
- Suitable but not most effective for construction of the project, good fit with minor errors in shape	- 3-4 marks			
- Not very effective and loose fitting	- 1-2 marks			
Assembly				07
- Completed to plans with no deviations	- 7 marks			
- Completed with minor deviations	- 5-6 marks			
- Incomplete with minor deviations	- 3-4 marks			
- Incomplete with many deviations	- 1-2 marks			
Finish				05
- High quality finish	- 5 marks			
- Good finish	- 4 marks			
- Fairly good finish	- 3 marks			
- Poor quality finish	- 1-2 marks			
	Sub-Total			35
Furniture Technology Project				
Pictorial Sketch				03
- Clear line work, components in good proportion, neat sketches and good layout	- 3 marks			
- Clear line work, components slightly out of proportion	- 2 marks			
- Line work not clear, components out of proportion and presentation can be improved	- 1 mark			

		Maximum Mark			
		KC	UK	PA	
Procedure	<ul style="list-style-type: none"> - Steps of procedure are in logical order with relevant notes included - Steps of procedure are in logical order with some relevant notes missing - Steps of procedure are not in logical order and relevant notes are missing 	<ul style="list-style-type: none"> - 4 marks - 3 marks - 1-2 mark 			04
List of Materials	<ul style="list-style-type: none"> - All materials listed by name, specifications listed with allowances for cutting and working - All materials listed by name, specifications listed without adequate allowances for cutting and working - Some materials listed by name with insufficient information 	<ul style="list-style-type: none"> - 4 marks - 3 marks - 1-2 mark 			04
Layout and Construction	<ul style="list-style-type: none"> - Conforms to plans with all parts accurately and neatly constructed - Conforms to plans with some parts accurately and neatly constructed - Does not conform to plan with some parts poorly constructed 	<ul style="list-style-type: none"> - 6 marks - 4-5 marks - 1-3 marks 			06
Joints	<ul style="list-style-type: none"> - Most suitable for construction of the project with excellent fit and precise shape - Suitable but not most effective for construction of the project, good fit with minor errors in shape - Not very effective and loose fitting 	<ul style="list-style-type: none"> - 5-6 marks - 3-4 marks - 1-2 marks 			06
Assembly	<ul style="list-style-type: none"> - Completed to plans with no deviations - Completed with minor deviations - Incomplete with minor deviations - Incomplete with many deviations 	<ul style="list-style-type: none"> - 7 marks - 5-6 marks - 3-4 marks - 1-2 marks 			07
Finish	<ul style="list-style-type: none"> - High quality finish - Good finish - Fairly good finish - Poor quality finish 	<ul style="list-style-type: none"> - 5 marks - 4 marks - 3 marks - 1-2 marks 			05
		Sub-Total			35
			KC	UK	PA
		Profile Totals	10	20	120