



EXAMINATIONS COUNCIL OF ESWATINI
Eswatini General Certificate of Secondary Education

DESIGN AND TECHNOLOGY

6902/02

Paper 2

Graphic Products

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Confidential

MARK SCHEME

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MARKS: 50

This document consists of 4 printed sheets.

Section A

A1

Completion of given triangle	1
Accurate Triangle	1
Accurate Top gap (5mm)	1
Construction for finding centre	1
Accurate arc	1 [5]

A2

Hook	
Accurate concentric arcs	1
Hook upright	1
Centre construction	2
Accurate R10 arc	1
Accurate R15 arc	1 [6]
Missing half	
Accurate length 80 mm	1
Accurate R10	1
Parallel 1x1	2 [4]

A3

Correct length 70mm	1
Correct width 40mm	1
Correct height 50mm	1
Correct profile (outside front)	
Height	1
Depth	1
Shoulders	1
Correct profile (inside front)	1
Depth 46mm	1
Correct end profile	1
Orientation	1 [10]

B4

(a) 5 x Panels	5
Bending lines	1
Overall length (195 mm)	1
Overall height (120 mm)	1
Glue flaps – width-5mm	1
-Slope/rounded corners	1
4 x correctly positioned glue flaps	2
Handle – positioning	1
- Length (34 mm)	1
- Width (14 mm)	1
- Sloping sides (15 mm)	1
Elliptical window	
- Positioning (25 mm)	1
- major axis	1
- half minor axis	1
- construction	1
- Semi - ellipse evident	1
- quality ellipse	1
(b) Logo	
- communication	1
- suitability	1
- rendering	1 [25]

B5

(a) Front	
- accurate length (140 mm)	1
- Accurate height (100 mm)	1
- Thickness of sides	1
- Accurate diameter of shaft \varnothing 8mm	1
- Accurate back width (70 mm)	1
- Side details 1x1	2
- Centre lines	2
- Positioning of holes	2
(b) End	
- Accurate height	1
- Correct width (60mm)	1
- Centre lines	1
- Back thickness (6mm)	1
- Accurate slope 1x1	2
- Accurate semi-circular arc	1
- Middle width (30mm)	1
- Hatching lines on back	1
- Hatching lines on shaft	1
(c) Symbol	
- Correct orientation	1
- Concentric circles	1
- Tapered shaft	1
- Centre lines	1[25]