

## basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

## NATIONAL SENIOR CERTIFICATE

**GRADE 12** 

## **ENGINEERING GRAPHICS AND DESIGN P2**

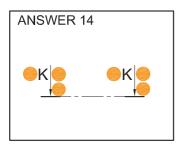
**NOVEMBER 2021** 

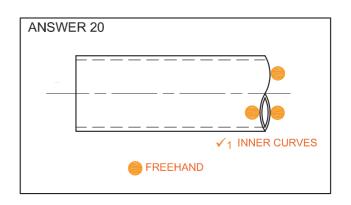
**MARKING GUIDELINES** 

**MARKS: 100** 

These marking guidelines consist of 6 pages.

ANSWERS		
_1	CHECKING THE DRAWING	1
2	FILE NAME	1
3	CUT BOLT MANUFACTURERS	1
4	3	1
5	LEFT VIEW	1
6	2000	1
7	6	1
8	FLAT SURFACE / SQUARE ON A SHAFT / NOT ROUND	1
9	REVOLVED SECTION	1
10	A: $20 / \varnothing 20 = \frac{1}{2}$ B: 25 C: AF12 / $\varnothing$ 12	3
11	24° / <b>25°</b> / 26°	1
12	135	1
13	1,2	1
14	See below	3
15	4	1
16	LAY/DIRECTION OF MACHINING/ PERPENDICULAR/90°	1
17	CIVIL HATCHING	1
18	7,79	1
19	Р	1
	Н	1
	G	1
	К	1
	L	1
20	See below	3
	TOTAL	30





PAPER 2 QUESTION 1 GRADE 12 NOVEMBER 2021 MARKING GUIDELINE

