

basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

NATIONAL SENIOR CERTIFICATE

GRADE 12

ENGINEERING GRAPHICS AND DESIGN P2

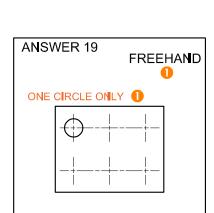
NOVEMBER 2022

MARKING GUIDELINES

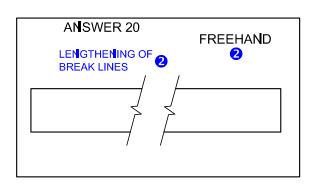
MARKS: 100

These marking guidelines consist of 7 pages.

ANSWERS		
1	S.SMITH	1
2	3	1
3	MILD STEEL	1
4	6	1
5	SUCCESSIVE / REMOVED	1
6	3	1
7	BOTTOM VIEW	1
8	ACROSS FLATS	1
9	CSK	1
10	A: 126 B: Ø28 C: 10	3
11	2	1
12	3	1
13	40	1
14	LEFT	1
15	M34 x 3	1
16	8	1
17	16.98	2
18	MACHINING ALLOWANCE / TOLERANCE	1
	ROUGHNESS VALUE	1
	METHOD / TREATMENT / COATING / PROCESS	1
	DIRECTION OF LAY / CIRCULAR / PATTERN	1
19	- See below	3
20		3
TOTAL		30



HORIZONTAL CLs without CIRCLES 2 x 0.5 VERTICAL CLs without CIRCLES 2 x 0.5



PARALLEL BREAK LINES 2 x 0.5 ZIG ZAG 2 x 0.5

NOTE: BREAKLINES CAN BE ALIGNED or VERTICAL

PAPER 2 QUESTION 1 GRADE 12 NOVEMBER 2022 MARKING GUIDELINE

