

basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

NASIONALE SENIOR SERTIFIKAAT

GRAAD 12

INGENIEURSGRAFIKA EN -ONTWERP V2

FEBRUARIE/MAART 2012

MEMORANDUM

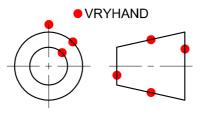
PUNTE: 100

Hierdie memorandum bestaan uit 6 bladsye.

Kopiereg voorbehou Blaai om asseblief

ANTWOORDE			
1	6	1	
	7	1	
	4	1	
	8	1	
	1	1	
	5	1	
	3	1	
2	2011/06/01	1	
3	www.weldtech.co.za	1	
4	CHROOMPLATEER	1	
5	PM 12 - PSC - 347	1	
6	5 mm	1	
7	26	1	
8	DEURSNEE-BOAANSIG	1	
9	LINKERAANSIG	1	
10	M10	1	
11	A - Ø20 B - 80 C - 22°	3	
12	2000	1	
13	16	2	
14	'S'-BREEK	1	
15	TOTALE LENGTE VAN KENMERK (BEPERKTE RUIMTE)	1	
16	29.5 & 30.5	2	
17		4	
	TOTAAL	30	

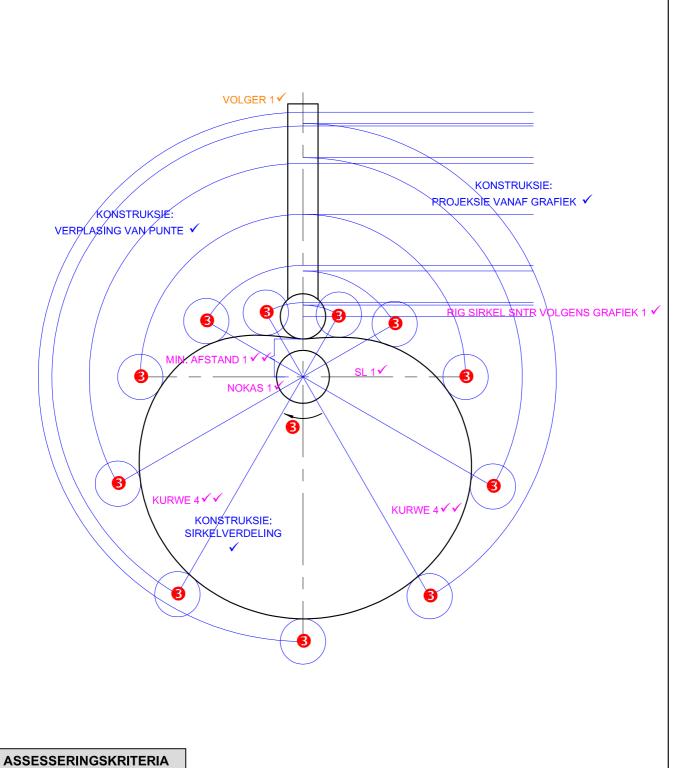
ANTWOORD 17



SIMBOOL

VRAESTEL 2 VRAAG 1 GRAAD 12 Feb.-Mrt. 2012 MEMORANDUM

Kopiereg voorbehou Blaai om asseblief



1. VOLGER + MIN. AFSTAND + SENTERLYN + NOKAS 6

2. KONSTRUKSIE 3

3. UITSTIPPING + RIGTING 6

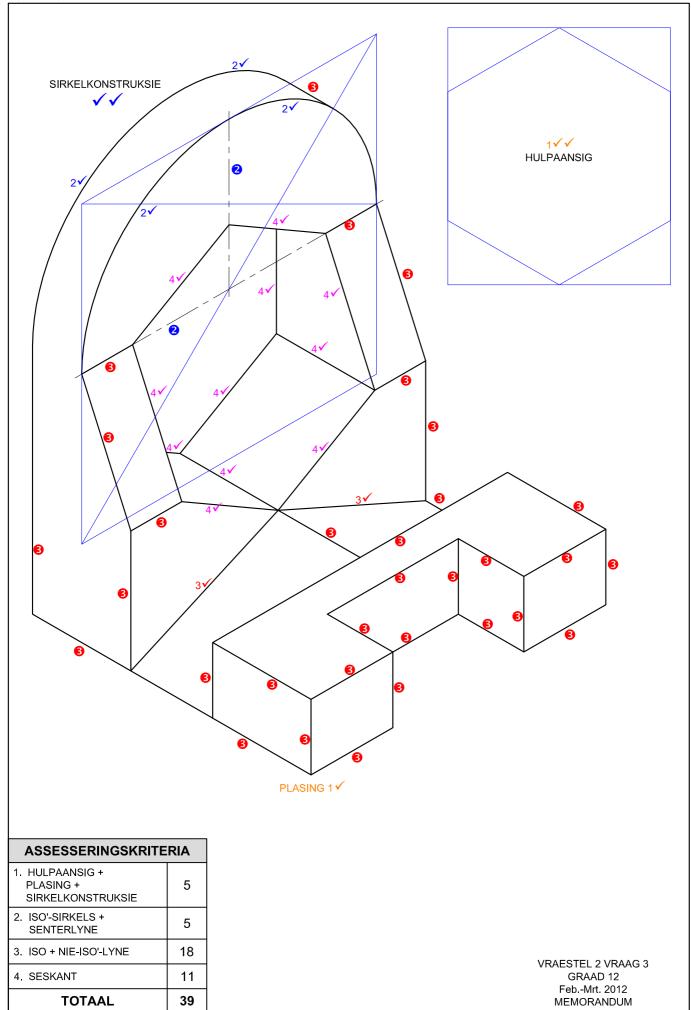
4. KURWE 4

2.1 SUBTOTAAL 19

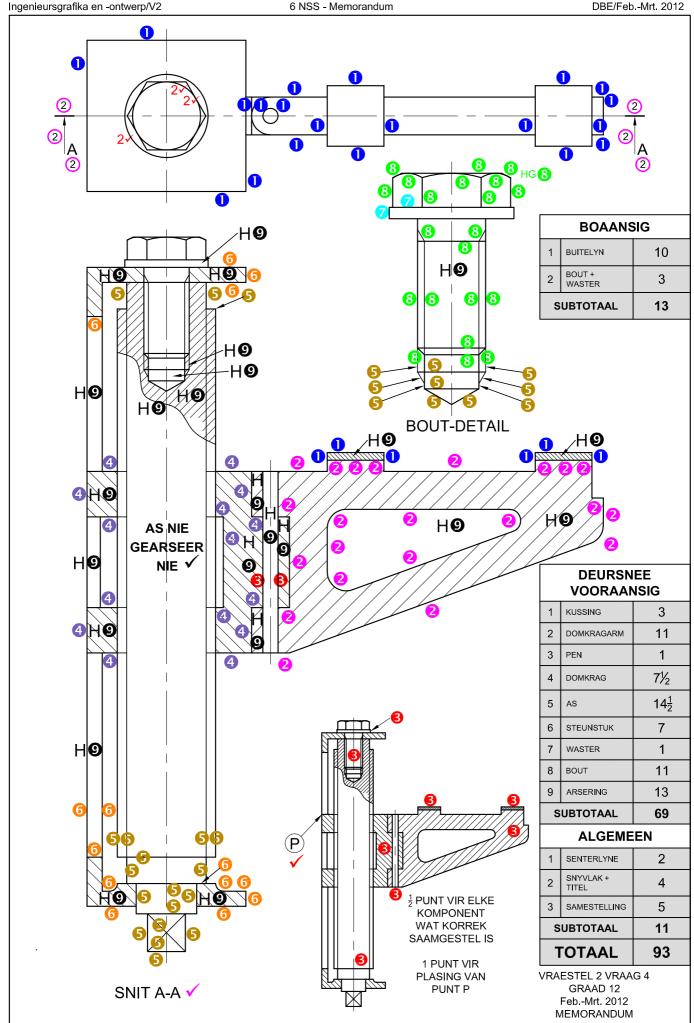
VRAESTEL 2 VRAAG 2.1 GRAAD 12 Feb.-Mrt. 2012 MEMORANDUM

Kopiereg voorbehou Blaai om asseblief

Feb.-Mrt. 2012 MEMORANDUM



Kopiereg voorbehou Blaai om asseblief





basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

NATIONAL SENIOR CERTIFICATE

GRADE 12

ENGINEERING GRAPHICS AND DESIGN P2

FEBRUARY/MARCH 2012

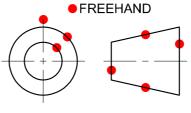
MEMORANDUM

MARKS: 100

This memorandum consists of 6 pages.

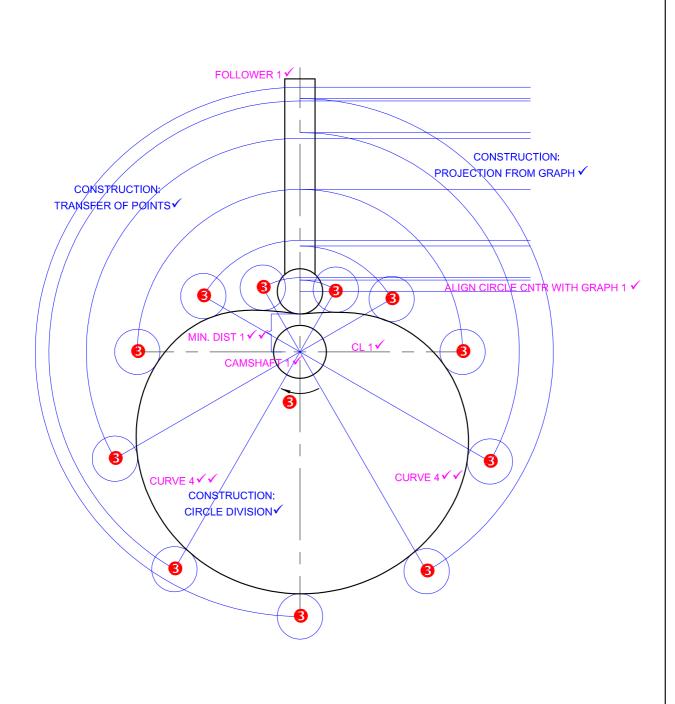
ANSWERS			
1	6	1	
	7	1	
	4	1	
	8	1	
	1	1	
	5	1	
	3	1	
2	2011/06/01	1	
3	www.weldtech.co.za	1	
4	CHROME PLATED	1	
5	PM 12 - PSC - 347	1	
6	5 mm	1	
7	26	1	
8	SECTIONAL TOP VIEW	1	
9	LEFT VIEW	1	
10	M10	1	
11	A - Ø20 B - 80 C - 22°	3	
12	2000	1	
13	16	2	
14	'S' BREAK	1	
15	TOTAL LENGTH OF FEATURE (LIMITED SPACE)	1	
16	29.5 & 30.5	2	
17		4	
	TOTAL	30	

ANSWER 17



SYMBOL

PAPER 2 QUESTION 1 GRADE 12 Feb.-Mar. 2012 MEMORANDUM



ASSESSMENT CRITERIA			
1. FOLLOWER + MIN. DIST'+ CENTRE LINE + CAMSHAFT	6		
2. CONSTRUCTION	3		
3. PLOTTING + DIRECTION	6		
4. CURVE	4		
2.1 SUBTOTAL	19		

PAPER 2 QUESTION 2.1 GRADE 12 Feb.-Mar. 2012 MEMORANDUM

PAPER 2 QUESTION 2.2 GRADE 12 Feb.-Mar, 2012 MEMORANDUM

