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12-06-09	MUSA	CHANGE MACHINING SPEC'		В	ALL DIMENSIONS ARE IN MILLIMETRES.	
07-06-09	MUSA	DECREASE RIB THICKNESS		Α	ALL SPECIFIED SURFACE 0,0	5 GRINDING
DATE	CHANGED BY	REVISION DESC	RIPTION	No.	FINISHES ARE:	
DRAWING No. Q1/DOE/10		MATERIAL: CAST ALUMINIUM		THE TOLERANCE ON DIMENSIONS IS ± 0.3, UNLESS OTHERWISE SPECIFIED.		
FILE NAME: FM-P2-2010		HEAT TREATMENT: NONE				
73 ACACIA AVENU					DRAWING PROGRAM: AUTOCAD 2009	
ebhayi 73 Acadia A					DRAWN BY: AB MORKEL	20/05/09
ENGINEERING PTY (LTD) @ 041 645 782					CHECKED BY: Z KHUMALO	25/05/09
TITLE	۸۵۸۵	TOR PLA	APPROVED BY: PP STEYN	07/06/09		
	ADAF	IORPLA	SCALE: 1:2	11111		

QUESTION 1: ANALYTICAL (MECHANICAL)

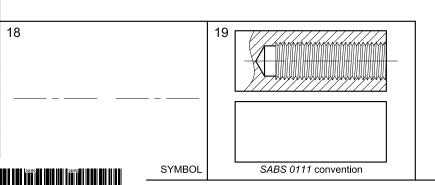
Given:

Two views of an adaptor plate with a title block and a table of questions.

Instructions:

Complete the table below by neatly printing the answers to the questions, which all refer to the accompanying drawings and the title block. [30]

	QUESTIONS	ANSWERS	
1	What is the title of the drawing?	1	
2	On what date was the drawing checked?	1	
3	Who approved the drawing?	1	
4	What is the drawing number?	1	
5	If a scale of 1:5 were used, what would a dimension of 10 mm read?	1	
6	How many surfaces on the component require machining?	1	
7	What process must be applied to achieve the required finish?	1	
8	As what type of mechanical drawing can the views of the adaptor plate be classified?	1	
9	What would VIEW 2 be called?	1	
10	What is the thickness of the rib marked A?	1	
11	Determine the dimensions at: B C D	E 4	
12	What is the linear distance between holes 1 and 2?	1	
13	What type of symbol is shown at 3?	1	
14	What does the circle on the symbol at 4 mean?	1	
15	What type of section is shown at 5?	1	
16	What is the permissible tolerance on the dimensions of the component?	1	
17	Determine the tolerance for the dimension at 6.	2	
18	In the box below, draw, in neat freehand, the symbol for the projection system used.	4	
19	In the box below, draw, in neat freehand, the SABS 0111 convention for the given internal screw thread.	5	
	TOTAL	30	



EXAMINATION NUMBER	
EXAMINATION NUMBER	2