



MARKS: 50

This memorandum consists of 5 pages.

Important information:

1. Give full marks for answers only, unless otherwise stated.
2. Accept any alternative correct solution that is not included in the memorandum.
3. CA refers to consistent accuracy. See clarification in Question 7.1.

Question		Expected Answer	Clarification	Mark allocation	Total																
1.	1.1	D✓		1	6																
	1.2	B✓		1																	
	1.3	B✓		1																	
	1.4	A✓		1																	
	1.5	D✓		1																	
	1.6	C✓		1																	
2.		$(32 + 25) + 16 = (25 + 16) ✓$		1	1																
3.	3.1	1 000 ✓		1	2																
	3.2			1																	
4.		7 ✓		1	1																
5.		< ✓		1	1																
6.	6.1	<table border="1"><tr><td>R20,00</td><td>R10,00</td><td>R5,00</td><td>R2,00</td><td>R1,00</td><td>50c</td><td>20c</td><td>10c</td></tr><tr><td>✓</td><td></td><td>✓</td><td></td><td>✓</td><td>✓</td><td>✓</td><td></td></tr></table>	R20,00	R10,00	R5,00	R2,00	R1,00	50c	20c	10c	✓		✓		✓	✓	✓			1	2
	R20,00	R10,00	R5,00	R2,00	R1,00	50c	20c	10c													
✓		✓		✓	✓	✓															
6.2	Change = R50,00 – R26,70 = R23,30 ✓		1																		

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b pressure test procedures when you pressure test the bop system you must conduct a low pressure test and a high pressure test for each bop component excluding test rams and non sealing shear rams you must begin each test by conducting the low pressure test then transition to the high pressure test

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there are two elements to the pre job well site pressure test 1 wireline valve wlv pressure function test the tests should be performed on the test stump prior to rigging up and involves testing the pressure integrity of the wlv and the individual closed ram assemblies and the ram assembly functionality under pressure

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the purpose of bop stack function and pressure testing is to verify the hydraulic integrity of all the components of the bop stack at their rated working pressure in this article we will discuss the function test and pressure test procedure using cup tester

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all elmar wireline pressure control equipment is certified to be manufactured following api6a specifications to inhibitors for the pressure test the pressure test procedure for each assembly is stated on each assembly drawing equipment is stripped down rebuilt with new elastomers including bop ram outer seals and quick

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pressure all bop equipment tests must include a low pressure test of 250 psi before proceeding to the full pressure test test pressure held and recorded for a minimum of five minutes after full pressure has been established represents a satisfactory pressure test ensure rotary bushings are locked if left in place where h2s is present all

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7 31 body pressure test procedure 1 locate the test plug and test cap on to their appropriate ends 2 bleed off all air within the assembly 3 ensure all external surfaces are dry 4 pressure test to test pressure for 3 minutes 5 reduce pressure to zero and repeat test for 15 minutes minimum no leakage acceptable 7 32 bop manifold test

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feb 14 2011 1 prior to supping the well or the first time that bop is installed on the well 2 after repairing or disconnecting of any pressure sealing elements of bop 3 as per mms you can use bop for 21 days 3 weeks before you need to test it

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apr 17 2023 bop test plan bop testing consists of several pressure tests with different valve line ups in order to test all the components of the bop system careful planning is required to ensure all components are tested and in a minimum number of pressure tests in order to ensure efficient execution of drilling operations

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dec 27 2021 bop testing procedures operators must periodically pressure test and function test bop stack components which decreases efficiency of drilling operations bop pressure tests are performed at regular intervals typically ranging from 14 to 30 days as set by local regulatory bodies

wireline bop wireline valve wincent - Jun 04 2022

a wireline bop must always be installed between the wellhead and wireline lubricators this bop is a piece of pressure control equipment that can close around the wire and seal off the well pressure below it this enables the pressure to be bleed off above it allowing work or repairs to be carried out on equipment above the bop without pulling

wireline intervention pressure control system video slb - Nov 09 2022

jun 23 2021 the wireline intervention pressure control wipc system enables the wireline crew to focus on downhole operations without worrying about surface well integrity the system meets api spec 16b and nace mr0175 simplifying compliance with operator requirements

wireline pressure test units nov - Aug 06 2022

this unit is a pressure test system intended for pressure testing 5 000 10 000 and 15 000 psi rated pressure control equipment to maximum working pressure before performing intervention work the unit is intended for use in atex zone 1 hazardous environments and complies to norsok regulations

irp 13 wireline operations energy safety canada - Jan 11 2023

the scope of irp 13 is to define recommended practices for the selection implementation and maintenance of pressure control equipment for land based wireline operations in canada this includes all types of wireline i e slickline braided line and coated line

