Form B03

Scheduled Maintenance Work Order



Quantum Medical Solutions sdn bhd transcending boundaries, transforming life

Format Ref: - QMS/TSD-022 Rev.01

Work Order No.	PWO365798	Schedule Month	July 2018							
Work Order Date	01/07/2018	Completed Date	10/7/2018							
Clinic Name	Klinik Kesihatan Sungai Rengit	Clinic Code	JHR047							
BE No.	JHR008616	Distict	KOTA TINGGI							
BE Category	Sphygmomanometers, Electi		KYU BME3							
Ownership										
BE Condition		Purchase	New							
BE Condition		✓ Active BER Proposed								
Work Order Type	✓ Preventive Maintenanc		Third Party Calibration (TPC)							
	Routine Inspection (RI)	Statutory Ce	ertification (SC)							
Reschedule Date	Reschedule Date lun									
BE Third Party Calibra	ition / Statutory Certification Details	s								
Company Name	MA	Cal / Cert Date	MA							
Contact Number	Mp	Cal / Cert Expiry Date	MA							
BE Sticker / Remarks:			Serial No: Mb							
Schedule Maintenance	e Execution Details									
SI No	QMS Engineer / Technician N	lame Date	Start Time End Time							
Mn	SAFWAN	10/7/18	1600 1630							
Customer Remarks	Mo									
Engineer / Technician Si	gnature	Customer Signature								
Name	MANUAD SAFWAN BIN ROSI AN NORHARMAH BINTI BAHRUN									
Date	Biomedical Technician Jururawat kashatan Jururawat kanatan Jururawat kan									
Qua	ntum Medical Solution Sdn. Bhd	Seal La	XK Suna							
10/7/	10/7/18									
For Internal Use MUHD RA	MADHINIMANNO AYA									
First Verification Techn	nical Service Department Medical Solutions Sdn. Bhd. el: +60 12-396 1697	Final Verification QMS State Incharge								



2 Battery - Check/Replace if necessary ***

KEMENTERIAN KESIHATAN MALAYSIA

CHECKLIST NO:CL-141-000

MEET Planned Preventive Maintenance Checklist Sphygmomanometers, Electronic, Automatic BE CODE 16-173 ASSET DETAILS - JHR008616 - DW0365798 BE NO WORK ORDER NO - Mo MODEL - welch Allyn MANUFACTURER PPM HOURS ► 1.00 ► 12 MONTHLY (V) FREQUENCY PART 2 SPECIAL PRECAUTION If there is evidence of body fluid contamination, submit the device for cleaning and decontamination before inspecting it Wear appropriate Personnel Protection Equipment (PPE) during work Wear grounded electrostatic wristband when handling PCB or electronic components. Refer to the safety procedure for additional precautions and guidance as per manufacturer guidelines. Make sure the test equipment used are duly calibrated. PARTS TEST APPARATUS CALIBRATION DUE ON Tick (√) where appropriate SERIAL NO DESCRIPTION ASSET NO 24/8/18 3218071 ELECTRICAL SAFETY ANALYZER TEESD 0010 1 12/10/18 3239021 PATIENT SIMULATOR 2 TEEDA 6186 PART 4 QUALITATIVE TASKS NA Tick (√) where appropriate PASS FAIL FAIL PASS 8 Indicators/Displays - Verify proper illumination) (1 Chassis - Verify physical integrity, and operation. cleanliness and condition. ()(9 Hose & Cuff - Verify physical integrity and Mount/Fasteners - Verify physical integrity.) () (3 Power Cord - Verify proper insulation and integrity. 4 Strain Relief - Verify physical integrity at both ends of line cord 5 Circuit Breaker/Fuse - Verify integrity of external circuit breaker and/or rating of external fuse. 6 Fittings/Connectors - Check all fittings/connectors. (/)()(7 Controls/Switches/Keypad - Verify proper operation of controls PART 5 PREVENTIVE MAINTENANCE TASKS Tick (V) where appropriate DONE NOT Notes: * For all Parts, NA is defined as NOT APPLICABLE If you have ticked 'NOT DONE', then justify in Part 8 1 Clean exterior/interior of the equipment.) (Choose Whichever Applicable

Address of the second of			SIHATAN ve Maintenanci , Electronic, A E. 16-173	CHECKLIST NO:CL-141. REV.000		
VORK ORDER NO .	PNO 365798		10-173			
PART 6 QUANTITATIVE TAS	sks			1913	NAME OF TAXABLE PARTY.	THE REPORT OF THE PARTY OF THE
lek (V) where appropriate						The state of the s
No	Description	Units / UOM	Set Values	Measured Values	Limit/Tolerance	PASS FAIL NA
Blood pressure accuracy		mmHg	200	198	197 - 203	(/)()()
		mmHg	150	15)	147 - 153	(/)()()
		mmHg	100	100	97 -103	(1)(1)(1)
2 Pulse rate accuracy		how	0.5	1		
		bpm	60	61 8b	58 - 62 78 - 82	(/)(-)(-)
		bpm	120	122	118 - 122	(/)()()
ART 7 ELECTRICAL SAFET						
				PASS	FAIL	NA .
				PASS	FAIL	NA .
			MD	PASS	FAIL	NA .
			Mp	PASS	FAIL	NA .
	RRECTIVE MAINTENANCE REQUIRE	50		PASS		NCTIONING
COM WORK ORDER NO .	RRECTIVE MAINTENANCE REQUIRE	ED			NOTEL	

Test Setup

DUT Information

Operator ID :

Calibration Tech : MOHANA Calibration Date: 24/08/2018 2.08.01 Firmware Version: Serial Number : 3218071

Date & Time : JOB Name :

10/07/2018 & 04:00pm

SPHYGMOMANOMETERS

Equipment Number : JHR008616 Serial Number:

Manufacturer : Model:

Location :KK SUNGAI RENGIT

IEC60601-1-2nd Ed

AUTO

WORST/LAST

NO

YES

Other:

Template Information

Template Name: Pause after Power ON:

NO Power ON delay: Test Speed: NORMAL Halt on Test Failure: YES Include Time: YES Insulation Resistance Voltar 500V Multi Enclosure Test :

Standard:

Pause before Power OFF: Power OFF delay: Test Mode: Multi PE Test: Multi Resstore: Reverse Polarity Classification

PLC Configuration-Applied part setup

AP Name AP Type AP Num

ESA615 Test Results

Test Name	Value	High Limits	Low Limits	Status
Protective Earth Resistance	0.361 Ohn	0	1.2 -	F
Insulation Resistance				P
Mains to Protective Earth	49.0 MOh			P
Mains to Non-Earth Accessible Conductive Part	999 MOhn	14	2	P
Mains Voltage				P
Live to Neutral	259.5 V		*	P
Neutral to Earth	5.4 V		-	P
Live to Earth	254.0 V			P
Equipment Current	0.0 A	-		P
Earth Leakage Current				P
Normal Condition	50.6 uA-O	50	00 -	P
Open Neutral	58.9 uA-O	100	00 -	P
Open Neutral- Reversed Mains	27.4 uA-O	100	00 -	P
Normal Condition- Reversed Mains	15.4 uA-O	50	00 -	P
Enclosure Leakage Current				P
Normal Condition	0.6 uA-OP	10	00 -	P
Open Earth	1.1 uA-OP	50	00 -	P
Open Neutral	0.7 uA-OP	50	00 -	P
Open Neutral- Reversed Mains	0.7 uA-OP	50	00 -	P
Normal Condition- Reversed Mains	0.6 uA-OP	10	00 -	P
Open Earth- Reversed Mains	0.7 uA-OP	50	00 -	P

