Form B03

Scheduled Maintenance Work Order



Quantum Medical Solutions and blid transcending boundaries, transforming life

Format Ref. - QMS/TSD-003 Rev. 00

North Control of the						
Work Order No	PN0373413	Scheduled Month	TEBUARY 2018			
Work Order Date	PULLENIA LADIAN	Completed Date	28/2/2018			
Clinic Name	CHAIK PERGICIAN LADIM	Clinic Code	WPLOOF			
BE No	WENTOGI	District	ER UP. LABUAN			
BE Category	Jas Steritzing Unit Steam	WO Assigned to	NoHO ASHMANI			
Ownership	Existing Equipment	New & Purchased Ed	quipment			
BE Condition	☐ Under Warranty	☐ BER Proposed				
Work Order Type	Preventive Maintenance (PM) Third Party Calibration (TPC)					
post of the designation of the second	Routine Inspection (RI)	Statutory Certification (SC)				
BE Third Party Ca	libration / Statutory Certification Details					
Company Name	- 10	Cal / Cert Date	mt			
Contact Number Action Taken		Cal / Cert Expiry Date				
Ly Apr was carried out for the Cheeffest Ly April Mis unit cannot remplete as per cheefist cause unit still in box and not been used testing £57						
Schedule Maintenance Execution Details						
SI No	QMS Engineer / Technician Name	Date	Start Time End Time			
	MOHD, ASHMAWI R MOHD HISHAM	28/2/200	1000 1000			
	MOHD. ASHMAWI S. MOID INS BIOMEDICAL TECHNICIAN, QMS 018-2834231	THE THE PROPERTY OF THE PROPER	÷,			
A CONTRACTOR OF THE CONTRACTOR		MANUAL CONTRACTOR OF THE PROPERTY OF THE PROPE				
Customer Remarks						
Engineer / Technicia	n Signature	Customer Signature				
Name Moh Date Bior	MEDICAL TECHNICIAN, QMS	Designation .	OSHAIDA BINTI HASHIM Drurawai (TBK) U32			
	010-200-120	Date N	0. LJM: 40012			
5		Stamp	28/2/18			
For Internal Use only			· · · · · · · · · · · · · · · · · · ·			

First Verification QMS Circle Incharge Julius Hansun Biomedical Engineer, QMG 019-3620179

Final Verification QMS State Inchan

> SABAH STATE MANAGER QUANTUM MEDICAL SOLUTIONS SON BHD



Quantum Medical Solutions Sdn Bhd

BEMS Planned Preventive Maintenance Checklist Sterlizing units, Steam, Tabletop CHECKLIST NO: CL-149 REV.000

	BE CODE	: 16-142		
PART 1 ASSET DETAILS				
WORK ORDER NO - VIEW	0373413	ASSET NO •	. WPNSTTOOI	
MANUFACTURER ► V~	1 (~	MODEL	N (pr	
FREQUENCY > 3 MON	THLY () 6 MONTHLY ()	12 MONTHLY (/) PPM HOURS	1.0	
PART 2 SPECIAL PRECAUTION				
	amination, submit the device for cleaning and	d decontamination before inspecting it.	A STATE OF THE STA	
Wear appropriate Personnel Protection	on Equipment (PPE) during work.			
	nd when handling PCB or electronic compone		!	
	itional precautions and guidance as per man	ufacturer guidelines.		
Make sure the test equipment used a PART 3 TEST APPARATUS	ire quily calibrated. In the state of the control of the calibration o	pajada ayal dha dha ayaa ayaa da baabaa a		
Tick ($$) where appropriate			<u> </u>	
NO ASSET NO	DESCRIPTION	SERIAL NO	CALIBRATION DUE ON	
		3227039	10/1/19	
TETS1200 85		, , , , , ,		
	PRESSURE METER	- N-		
	THERMOMETER			
VAA.VAS				
PART 4 QUALITATIVE TASKS				
Tick ($\sqrt{\ }$) where appropriate	PASS FAIL NA		PASS FAIL NA	
1 Chassis - verify physical integrit		Over pressure cut of valve - Verify physical	(ym) () (/)	
cleanliness and condition	-	integrity	. Mari	
 Power Cord - verify proper insul and integrity 	lation (/) () () 11	Boviedick / Helix Test - Verify	(phr) () (/)	
	legrity (_) () () 1	Door lock - Verify physical integrity	(
Strain Relief - verify physical int at both ends of line cord	() () () () () ()		W. C.	
4 Fittlngs/ Connectors - check all (/) () (2 Door gasket Verify physical integrity	(/)()()	
fittings/connectors			,	
5 Controls/Switches - verify proper operation of controls	er () () (/) 1	3 Check water tank leak	(politic () (/)	
·	ner (4 Check drain valve -Physical integrity	(a) () ()	
6 Indicators/ Displays - verify prop illumination and operation	per (() () (/) 1			
7 Check fuse, circuit breaker	(/)()()	5 Safety feauture - verify condition	() () ()	
B. Heater verifical integrity		& Calibratian	()()(/)	
8 Heater - verify physical Integrity	(/)()() 1	6 Calibration		
PART 5 PREVENTIVE MAINTEN	ANCE TASKS			
Tick ($$) where appropriate				
	NOT DONE DONE NA		NOT DONE DONE NA	
1. Clean exterior and interior of th	**	4 Lubricate all moving parts	(**) (**) (/	
Clean exterior and interior of the equipment	ne (/)()()	· manifestra an manifestra		
2 Check / replace gasket ***	(/)()()			
	N	otes:		
3 Check/ clean solenoids	(mark) () (/)	 For all Parts, NA is defined as NOT APPLICABLE If you have ticked 'NOT DONE', then justify in Part 8 Choose Whichever Applicable 		

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BEMS Planned Preventive Maintenance Checklist Sterlizing units, Steam, Tabletop BE CODE: 18-142

CHECKLIST NO: CL-149 REV,000

ACT Work opporture PASS PAIL NA Temperature reading C President reading C PASS PAIL NA Temperature reading C PRESIDENT READING PASS PAIL NA PART PRESIDENT READING PASS PAIL	ORK ORDER NO	pw0373	,413							
No Description Units/ Set Measured LimitTolerance PASS FAIL NA 1 Removature reading c LimitTolerance PASS FAIL NA 2 Prossure reading psi LimitTolerance PASS FAIL NA PART ELECTRICAL SAFETY TEST LIECTRICAL SAFETY TEST (In accommon to 150 0000) (In acc	ART 6 QUANTITATIV			The second secon		100 PM 10	F wide the control of		A CONTRACTOR OF THE CONTRACTOR	
Domination Values Value				Units /	Set	Measured	L lwit/Toloronon	DARR	EAU	NA
PART PERCIFICAL SAFETY TEST ELECTRICAL SAFETY TEST ELECTRICAL SAFETY TEST, (attach report) (in eccestance to 80 6009) (in PASS		<u> </u>					Limit/Tolerance		· · · ·	
PART F ELECTRICAL SAFETY TEST. ELECTRICAL SAFETY TEST, (attach report) (the accordance to REC 60091) PART B NOTES FAIL AND NA PART B NOTES CORRECTIVE MAINTENANCE SECURIBED FUNCTIONING NOT FUNCTIONING NOT FUNCTIONING	1 Temperature re	ading		°C			TO NA	()	()	
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CORRECTIVE MAINTENANCE REQUIRED FUNCTIONING NOT FUNCTIONING								ROSHALL	(TBK)	132
CORRECTIVE MAINTENANCE REQUIRED FUNCTIONING NOT FUNCTIONING								No. LJM	48872,	18/2/18.
U CORRECTIVE MAINTENANCE REQUIRED		1								
WORK ORDER NO ► NEXT PPM DATE ► 21/2/300		CORRECTIVE MAINT	ENANCE REQUIRED			FUNCTION	ING	NOTFUNCTIO	MING /	7-1-1 m
	WORK ORDER N	0 ▶	KA	-	_			NEXT PPM DA	TE ►	2/12/2019
PPM has been performed in accordance to the checklist and the equipment is functioning to the intended purpose.	PPM has been perform	ed in accordance to the chec	cklist and the equipmen	nt is function	oning to th	ne intended pu	ırpose.			
COMPLETED BY:										
MOHD. ASHMAWI B MOHD HISHAM BIOMEDICAL TECHNICIAN, QMS		PROMEDICAL IEUDNIVIA	dia, dino							
019-2634231		019-2634231								

Fluke Biomedical

Date 28/02/2018

Test Setup

Operator ID Calibration Tech

Calibration Tech Calibration Date Firmware Version

Serial Number Date & Time JOB Name LBNBME

10/01/2019 2.08.01 32ステップく

28/02/2018 & 10:16

DUT Information

Equipment Number Serial Number Manufacturer Model

Location Other WPNSTT 001

POLIKLINIK

Template Information

Template Name Pause after Power ON Power ON delay

Power ON delay Test Speed Halt on Test Failure Include Time

Insulation Resistance Voltage 250V Multi Enclosure Test NO

STERILIZING UNITS

NO 2 RAPID YES

YES a 250V Standard

Pause before Power OFF Power OFF delay Test Mode Multi PE Test Multi Resstore

Multi Resstore Reverse Polarity Classification IEC62353-Differential

NO 0 AUTO NO

WORST/LAST

YES

Y E.S

PLC Configuration-Applied part setup

AP Name

AP Type

AP Num

ESA615 Test Results

Test Name
Protective Earth Resistance
Insulation Resistance
Mains to Protective Earth
Mains Voltage
Live to Neutral
Live to Earth
Neutral to Earth
Equipment Current
Differential Leakage
Normal Condition
Normal Condition-Reversed mains

Value	High Limits	Low Limits	Status
0.15 Ohm	0.3	-	P
999 MOhm	<u></u>	-	P P
240.9 V	_	~	P P
10.9 V 240.1 V	-	-	P P
12.1 A	-	-	P
35 uA	500	- 1	P
51 uA	500	- 1	P

Mohd. Ashnanyo mord hisham Browedigal Technician, ums 18282331

Signature