Form B03

QMS Circle Incharge

Scheduled Maintenance Work Order



Work Order No.	PWO365287	Sched	ule Month	June 2018					
Work Order Date	01/06/2018	Compl	eted Date	26/6/18					
Clinic Name	Klinik Pergigian Di Klinik Kesihatan L	ol Clinic	Code	JHR523	JHR523				
BE No.	JHR008205	Distict		KOTA TINGGI					
BE Category	Sterilizing Units, Portable	WO As	signed to	KTGBME 2					
Ownership	✓ Existing Equipment		Purchase	New					
BE Condition	✓ Active		BER Proposed						
Work Order Type	✓ Preventive Maintenance (PM	0	Third Party Calibr	ation (TPC)					
work Order Type	Routine Inspection (RI)		Statutory Certification (SC)						
Reschedule Date	NA								
BE Third Party Calibrat	tion / Statutory Certification Details								
Company Name	NA	Cal/C	ert Date	NA	NA				
Contact Number	Ng	Cal/C	ert Expiry Date	NA					
BE Sticker A				Modal: N+					
Schedule Maintenance			D .		e 120				
SINo	QMS Engineer/Technician Name		26.6.18	Start Time	End Time				
	Husni		26.6.10	1300	1700				
Customer Remarks _	Ppm done as pwo	Cheek	1187.						
Bior	ALHUSNI B. MAMAT medical Engineer Medical Solutions S/B	Name	Designation MDC NO. 6788 PEGAWAI PERGIGIAN Date VIV SEPGIGIAN KOTA TINGGI						
	D RAMADHAMB HAMAR JAYA Biemetical Engineer lechnical Service Department ntum Medical Solutions Sdn. Bhd. Tel: +60 12-396 1697		rification ate Incharge						



KEMENTERIAN KESIHATAN MALAYSIA

CHECKLIST NO:CL-147-000

MEET Planned Preventive Maintenance Checklist Sterlizing units, Portable BE CODE DE-031 PART 1 ASSET DETAILS ASSET NO - THE 008205 WORK ORDER NO - PWO 365187 - NA - N+ MANUFACTURER MODEL PPM HOURS - 1 HOUR FREQUENCY ► 3 MONTHLY () 6 MONTHLY (/) 12 MONTHLY () 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 Tick (V) where appropriate CALIBRATION DUE ON SERIAL NO ASSET NO DESCRIPTION NO NA NA NA DIGITAL TEMPERATURE PROBE 1 NA 7 NA NA DIGITAL PRESSURE METER 24.8.18 3218071 3 TETOM 0010 E87 PART 4 QUALITATIVE TASKS Fick (V) where appropriate FAIL PASS NA PASS FAIL (V) () (V) () () 9 Over pressure cut of valve - Verify physical 1 Chassis - verify physical integrity, cleanliness and condition (1)()()) 10 Door lock - Verify physical integrity) (2 Power Cord - verify proper insulation (1) (and integrity 11) () 11 Door gasket Verify physical integrity 3 Strain Relief - verify physical integrity (1/)() (at both ends of line cord) 12 Check water tank leak (1) 4 Fittings/ Connectors - check all (V)() (fittings/connectors) 13 Check drain valve -Physical integrity (V) () (5 Controls/Switches - verify proper operation of controls) 14 Check label) () ((VT1) (6 Indicators/ Displays - verify proper illumination and operation) 15 Waste Water Resevoir/Bottle - clean & verify () () (7 Check fuse, circuit breaker (1)) (integrity 8 Heater - verify physical Integrity (LT () () 9 Chamber/Cassette - verify physical integrity (scalling, rusting, pitting or PART 5 PREVENTIVE MAINTENANCE TASKS tick (v) where appropriate NOT DONE DONE DONE DONE NA) 4 Lubricate all moving parts t Clean exterior and interior of the equipment) Notes (V)(2 Check / replace gasket ***

(1)(

3 Check/ clean solenoids

* For all Parts, NA is defined as NOT APPLICABLE

*** Choose Whichever Applicable

" If you have ticked 'NOT DONE', then justify in Part 8



KEMENTERIAN KESIHATAN MALAYSIA

MEET Planned Preventive Maintenance Checklist Startizing units, Portable 8s code: 65-81 DISCOULST NO EL HAT MAY MEY MEY

NORSE Order No.

· Puo 365087

No	Description	Checked	Serv		Repl	aced	Not Applicable	No	Description	Checked	Serv	CalCI ex	Repl	uced	Not Applicable
1	Fuses	w	C	3.	1)	1 3	16	Chamber Guard Seal (if applicable)	10	į.	X		3	
2	Main Control Board	(4)	E	3	- 6		()	17.	Solid State Relay (Fapplicable)	E 3	4	>	1		25
3	Fan Running Rear & Side (if applicable)	()	ŧ	3	k	3	S	18	Thermostat Assembly	1-3	5)	6	,	6 F.
4	Clean Water Reseyoir	(4)	-(3	- 1		8 3	19	Thermal Printer (if applicable)	5)	(1	5	3	14-5
5	Electric Door Lock	()	-(-3			in	20	Vacuum Pump (If applicable)	- ()	ŧ)	8	¥	ILT
6	Pressure Door Lock	(~)	.(3	E	1		21	Temperature Sensor	14	-(3	6	>	()
7	Dischurge Door Lock	(~)	1	3	£			22	Filters	()	t	¥	(3	w
0.	Pressure Transducer	()	-	3	£)	(~)								
9	Pressure Gauge	(*)	t)	6	3	(~)								
10	Safety Valve	()	1	3			10								
11	Air Valve/Steam Sciencid Valve (if applicable)	()	£))	1								
12	Discharge Valve	()	1)	4)	101								
13	Feed Water Valve (if applicable)	()	ť)	ε	3	15								
14	Heating Element	15	1	3.)	()								
15	Door Gasket/Cessette Seal	15	ţ.	3.	(3	1 3								
T			-							-	-	-	-	-	-

KEMENTERIAN KESIHATAN MALAYSIA

MEET Planned Preventive Maintenance Checklist Sterizing units, Portable

CHECKLIST NO.CL-147-800 REV.801

(V)	QUANTITATIVE TASKS							
	where appropriate			Total Control				100
No	Description	Units /	Set Values	Measured Values	Limit/Tolerance	PASS	FAIL	NA
1	Temperature reading	°c	13+	134	134-137 121-124	1/1	()	1 1
2	Pressure reading - non absolute pressure reading	bar	2.06	2.07	2.03-2.32	1	(.)	1 1
3	Electrical Supply Voltage	V	240	refer to EST	Refer to Nameplate	N	1 1	().
4	Electrical Power/Consumption	kW		refer to EST	Refer to Nameplate	1	()	()
PART	ELECTRICALISAFETY TEST				THE REAL PROPERTY.	7/5/11	1036	
	CORRECTIVE MAINTENANCE REQUIR			FUNCTIONIN	IG NO	OT FUNCTION!	NG	

Test Setup

DUT Information

Operator ID: Equipment Number: JHR008205 QMS Calibration Tech: MOHANA Serial Number:

Calibration Date : 24/8/2018 Manufacturer:

Firmware Version: 2.08.01 Model: Serial Number: 3218071 Location: Date & Time: 26/06/2018 & 13:35pm Other:

JOB Name:

Template Information

IEC60601-1-2nd Ed Standard: Template Name: CLASS 1 NO PE

Pause before Power O NO Pause after Power ON: NO

0 Power OFF delay: Power ON delay:

AUTO Test Mode: Test Speed: NORMAL Multi PE Test: NO Halt on Test Failure: YES

Multi Resstore: WORST/LAST Include Time:

Reverse Polarity: YES Insulation Resistance \ 500V I no PE Classification: Multi Enclosure Test: NO

PLC Configuration-Applied part setup

AP Name AP Type AP Num

ESA615 Test Results

Test Name	Value	High Limits Low Limits	Status
Insulation Resistance			Р
Mains to Protective Earth	4.9 MOhm		P
Mains to Non-Earth Accessible Conductive Par	999 MOhn		Р
Mains Voltage			P
Live to Neutral	234.5 V		P
Neutral to Earth	0.5 V		Р
Live to Earth	230.5 V	*	Р
Equipment Current	0.0 A		P
Earth Leakage Current			P
Normal Condition	17.0 uA-O	500 -	P
Open Neutral	148.6 uA-0	1000 -	P
Open Neutral- Reversed Mains	147.2 uA-0	1000 -	P
Normal Condition- Reversed Mains	135.9 uA-0	500 -	P
Enclosure Leakage Current			P