

Scheduled Maintenance Work Order



Quantum Medical Solutions sdn bhd
transcending boundaries, transforming life

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

Work Order No	pw0372050	Scheduled Month	FEBRUARY 2018
Work Order Date	1/2/18	Completed Date	WPE 13/2/2018
Clinic Name	Job Bulet Karam	Clinic Code	WPL 011
BE No	WPL 000206	District	WP Lahar
BE Category	SPH/GNOMONMETERS, MERCURY	WO Assigned to	Melip - Asyharu
Ownership	<input type="checkbox"/> Existing Equipment	<input type="checkbox"/> New & Purchased Equipment	
BE Condition	<input type="checkbox"/> Under Warranty	<input type="checkbox"/> BER Proposed	
Work Order Type	<input type="checkbox"/> Preventive Maintenance (PM) <input type="checkbox"/> Routine Inspection (RI)	<input type="checkbox"/> Third Party Calibration (TPC) <input type="checkbox"/> Statutory Certification (SC)	

BE Third Party Calibration / Statutory Certification Details

Company Name	NA	Cal / Cert Date	NA
Contact Number		Cal / Cert Expiry Date	

Action Taken

↳ Do PPM as per Checklist.

Schedule Maintenance Execution Details

SI No	QMS Engineer / Technician Name	Date	Start Time	End Time
	DR. ASHMAVA S HONE (CHUAN) BIOMEDICAL TECHNICIAN, PMS 010-2521231	13/2/2018	11.30am	11.45am

Customer Remarks

Engineer / Technician Signature Name Date	Customer Signature Name Designation Date Stamp
 DR. ASHMAVA S HONE (CHUAN) BIOMEDICAL TECHNICIAN, PMS 010-2521231 12/2/2018	 JURAINI AHMAD (KETUA JURUBAHAGI KESIHATAN USTAZ/STAF) 13.2.2018

For Internal Use only

First Verification
QMS Circle Incharge

JULIUS IANSUN
BIOMEDICAL ENGINEER, QMS
019-3620179

Final Verification
QMS State Incharge

DICKY LEE
SABAH STATE MANAGER
QUANTUM MEDICAL SOLUTIONS SDN BHD



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Preserving boundaries. Transforming life.

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BEMS Planned Preventive Maintenance Checklist

Sphygmomanometers, Mercury

ASSET NO

CHECKLIST NO: CL-143
REV.000

PART 1 ASSET DETAILS

WORK ORDER NO ▶ JAWO 372050 ASSET NO ▶ WPL000206
MANUFACTURER ▶ N/A MODEL ▶ N/A
FREQUENCY ▶ 3 MONTHLY () 6 MONTHLY () 12 MONTHLY (✓) PPM HOURS ▶ 0.25

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.

PART 3 TEST APPARATUS

Tick (✓) where appropriate

NO	ASSET NO	DESCRIPTION	SERIAL NO	CALIBRATION DUE ON
1	NA	NON-INVASIVE BLOOD PRESSURE ANALYZER	NA	NA

PART 4 QUALITATIVE TASKS

Tick (✓) where appropriate

	PASS	FAIL	NA
1 Chassis - verify physical integrity, cleanliness and condition	(✓)	()	()
2 Mount/ Fasteners - verify physical integrity	(✓)	()	()
3 Check cuff & hose verify physical integrity and cleanliness	(✓)	()	()
4 Check Bulb verify physical integrity and cleanliness	(✓)	()	()
5 Check air release valve	(✓)	()	()
6 Check mercury valve	(✓)	()	()
7 Check Glass tube leak	(✓)	()	()

PART 5 PREVENTIVE MAINTENANCE TASKS

Tick (✓) where appropriate

	DONE	NOT DONE **	NA
1 Clean exterior and interior of the equipment	(✓)	()	()
2 Clean mercury	()	()	(✓)
3 Clean mercury tank	()	()	(✓)
4 Clean glass tube	(✓)	()	()

Notes:

* 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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 12, Jalan Pahlawan 1/1, Taman Pahlawan, 40100 Shah Alam, Selangor, Malaysia

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PART 6 QUANTITATIVE TASKS

Tick (✓) where appropriate

No	Description	Units / UOM	Set Values	Measured Values	Limit/Tolerance	PASS	FAIL	NA
1	Leak test	mmHg	200	190	±6 mmHg	✓		
1	Blood pressure accuracy	mmHg	40		38 - 42	()	()	(✓)
		mmHg	70		68 - 72	()	()	(✓)
		mmHg	100		98 - 102	()	()	(✓)
		mmHg	130		128 - 132	()	()	(✓)
		mmHg	160		158 - 162	()	()	(✓)
		mmHg	190		188 - 192	()	()	(✓)

PART 7 ELECTRICAL SAFETY TEST

ELECTRICAL SAFETY TEST, (attach report)

(In accordance to IEC 60601)

☐ PASS

☐ FAIL

☒ NA

PART 8 NOTES

JURAINI AHMAD
 Ketua Bahagian Kesihatan Umum
 LIMA 2408

☐ CORRECTIVE MAINTENANCE REQUIRED

☒ FUNCTIONING

☐ NOT FUNCTIONING

WORK ORDER NO ▶ NA

NEXT PPM DATE ▶ 12/12/2019

PPM has been performed in accordance to the checklist and the equipment is functioning to the intended purpose.

COMPLETED BY:

PERFORMANCI Sdn Bhd
 12, Jalan Pahlawan 1/1, Taman Pahlawan, 40100 Shah Alam, Selangor, Malaysia
 012-2000000

DATE:

17/12/2018