



KEMENTERIAN KESIHATAN MALAYSIA

MEET Planned Preventive Maintenance Checklist
Sterilizing units, Steam
BE CODE : 13-746

CHECKLIST NO: CL-148-000
REV.001

PART 1 ASSET DETAILS

WORK ORDER NO ▶ *pno 377865* ASSET NO ▶ *SWK 016351*
MANUFACTURER ▶ *GENERAL Melag* MODEL ▶ *GENERAL Vackflow 31V*
FREQUENCY ▶ 3 MONTHLY () 6 MONTHLY (✓) 12 MONTHLY () PPM HOURS ▶ 1 HOUR

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
		DIGITAL TEMPERATURE METER		
		DIGITAL PRESSURE METER		

PART 4 QUALITATIVE TASKS

Tick (✓) where appropriate

	PASS	FAIL	NA		PASS	FAIL	NA
1 Chassis - verify physical integrity, cleanliness and condition	(✓)	()	()	10 Over pressure cut of valve - Verify physical integrity	(✓)	()	()
2 Power Cord - verify proper insulation and integrity	(✓)	()	()	11 Door lock - Verify physical integrity	(✓)	()	()
3 Strain Relief - verify physical integrity at both ends of line cord	(✓)	()	()	12 Door gasket Verify physical integrity	(✓)	()	()
4 Fittings/ Connectors - check all fittings/connectors	(✓)	()	()	13 Check water tank leak	(✓)	()	()
5 Controls/Switches - verify proper operation of controls	(✓)	()	()	14 Check drain valve -Physical integrity	(✓)	()	()
6 Indicators/ Displays - verify proper illumination and operation	(✓)	()	()	15 Check label	(✓)	()	()
7 Check fuse, circuit breaker	(✓)	()	()	16 Check demineralisation and sensor (if available)	(✓)	()	()
8 Heater - verify physical integrity	(✓)	()	()	17 Check automatic water filling (if available)	(✓)	()	()
9 Chamber - verify physical integrity (scaling, rusting, pitting or impurities)	(✓)	()	()	18 Replace Bacteria/Air Sterilization Filter	(✓)	()	()

PART 5 PREVENTIVE MAINTENANCE TASKS

Tick (✓) where appropriate

	DONE	NOT DONE **	NA		DONE	NOT DONE **	NA
1 Clean exterior and interior of the equipment	(✓)	()	()	4 Lubricate all moving parts	(✓)	()	()
2 Check / replace gasket ***	(✓)	()	()				
3 Check/ clean solenoids	(✓)	()	()				

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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PART 8 QUANTITATIVE TASKS

Tick (✓) where appropriate

No	Description	Units / UOM	Set Values	Measured Values	Limit/Tolerance	PASS	FAIL	NA
1	Temperature reading	°C			134-137 121-124	(✓)	()	()
2	Pressure reading	bar			2.03-2.32 1.03-1.23	(✓)	()	()
3	Electrical Supply Voltage	V		refer to EST	Refer to nameplate	(✓)	()	()
4	Electrical Power	kW		refer to EST	Refer to nameplate	(✓)	()	()

PART 9 ELECTRICAL SAFETY TEST

ELECTRICAL SAFETY TEST, (attach report)

(in accordance to IEC 60601)



PASS



FAIL



NA

PART 10 NOTES

- ppm done



CORRECTIVE MAINTENANCE REQUIRED



FUNCTIONING



NOT FUNCTIONING

WORK ORDER NO ▶

NEXT PPM DATE ▶ 05/2019

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

COMPLETED BY:

FOSTER ANAK ENKASAN
QUANTUM BIOMEDICAL ENGINEERING
KUCHING SARAWAK.

DATE: 22/11/18

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