

LAMPIRAN - A1

RUJ: BME/A2K/(1617)/2026/HTD (A17)

14/2/2026

ONE-OFF PPM FOR TWENTY FOUR (24) UNITS OF AUTOCLAVES IN DEPARTMENT OF LAB SERVICES, MINISTRY OF HEALTH

SCOPE OF WORK

1. PREVENTIVE MAINTENANCE SHALL FOLLOW EQUIPMENT MANUAL AND BRAND/MODEL SPECIFIC RECOMMENDATIONS AND MAY INCLUDE BUT NOT LIMITED TO:

- CLEAR USED WATER
- CHECK DRAIN VALVE KNOB
- CHECK DRAIN VALVE TAP
- CHECK AND SERVICE WORKING CHAMBER HEATER
- CHECK AND ADJUST TEMPERATURE SENSOR
- CHECK LID GASKET FOR ANY LEAKAGE
- CHECK AND ADJUST RIM WORKING CHAMBER
- CHECK PROGRAM BACKUP BATTERY
- CHECK ALL CABLE CONNECTIONS AND ELECTRONIC BOARD
- PERFORM PRESSURE VESSEL TEST
- PERFORM SYSTEM REBOOT AND PROGRAM SETTING
- PERFORM OPERATING PRESSURE TEST
- PERFORM GENERAL SERVICE ON INSTRUMENT
- PERFORM SERVICING TO MANUFACTURING STANDARDS

2. POST-MAINTENANCE REQUIREMENTS

Functional and performance testing

Provide a PPM sticker for machines stating company name, time and date of ppm

3. WORK MUST BE CARRIED OUT BY AUTHORIZED ENGINEERS TRAINED IN MAINTAINING THE EQUIPMENT

4. VENDORS SHALL SUBMIT A MAINTENANCE CHECKLIST AND SUPPORTING DOCUMENTS SPECIFIC TO THE EQUIPMENT AS PART OF THE TENDER.

5. PREVENTIVE MAINTENANCE MAY BE PERFORMED UP TO ONE MONTH BEFORE THE NEXT SCHEDULED DATE BUT NOT EARLIER.

List of autoclave equipment for ppm:

1	BM	NHCRL	Mortuary	HIRAYAMA	HV SERIES 110	30510100863	BME7690
2	BM	NHCRL	Andrology Laboratory	Euronda	Euronda E9	EGO130420	BME14336
3	BM	NCMRL	Autoclave room	HIRAYAMA	HV-110	30513031232	BME13512
4	BM	NCMRL	Autoclave room	HIRAYAMA	HI-CLAVE HV110	30509070688	BME7205
5	BM	NCMRL	Autoclave room	HIRAYAMA	HI-CLAVE HV110	981186192	BME3113
6	BM	NCMRL	Autoclave room	HIRAYAMA	HI-CLAVE HV110	30509030649	BME7123
7	BM	NMRL	NMRL, SUMBILING	HIRAYAMA	HV110	30521052665	BME26232
8	BM	NMRL	NMRL, SUMBILING	HIRAYAMA	HV110	30510010763	BME7689
9	BM	NVRL	MDRUV AUTOCLAVE ROOM	HIRAYAMA	HV-110	30521052664	BME26231
10	BM	NVRL	MDRUV AUTOCLAVE ROOM	HIRAYAMA	HV-85	30421052371	BME26236
11	BM	NVRL	MDRUV AUTOCLAVE ROOM	HIRAYAMA	HV-85	30421052370	BME26235
12	BM	NVRL	MDRUV AUTOCLAVE ROOM	HIRAYAMA	HV-110	30520062512	BME25662
13	BM	NVRL	MDRUV AUTOCLAVE ROOM	HIRAYAMA	HV-110	30509030648	BME7121
14	BM	NVRL	MDRUV AUTOCLAVE ROOM	ZEALWAY	G180	A6202010N-A	BME25466
15	BM	NVRL	MDRUV AUTOCLAVE ROOM	ZEALWAY	G180	B6201010N-A	BME25465
16	BM	NVRL	MDRUV AUTOCLAVE ROOM	ZEALWAY	G180TR	A10195002N-A	BME25464
17	BM	NVRL	MDRUV AUTOCLAVE ROOM	JIBIMED	TM-XD50D	20T-0043	BME N/A
18	BM	NVRL	NVRL SPECIAL TEST ROOM	TUTTNAUER	3850EL	14060223	BME17697
19	BM	NVRL	NVRL SPECIAL TEST ROOM	HIRAYAMA	HV-110	30509070689	BME7204
20	KB	SSBH	MICROBIOLOGY	HIRAYAMA	HICLAVE DB4346	BME7122	
21	TUT	MGS	Main Lab, MGS	HIRAYAMA	HV-85	30421052369	26234
22	TUT	NMRL	BSL2, CMDLID	ASTELL	AMA260	CLBN53790	BME27635
23	TUT	NMRL	BSL3, CMDLID	BIOBASE	BKQ-350SD-B	20203288	BME N/A
24	TUT	PMMH	Utilitv Room	HIRAYAMA	HV-85	30421052372	BME26237

LAMPIRAN - A2

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ONE-OFF PPM FOR TWENTY FOUR (24) UNITS OF AUTOCLAVES IN DEPARTMENT OF LAB SERVICES,
MINISTRY OF HEALTH

	SPAREPART	PART NUMBER	QUANTITY
1	ONE OFF PPM AUTOCLAVE		24

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No	District	Location	Brand	Model	Serial No.	No.	Lab Reference No.
1	BRUNEI MUARA	NHCMRL, Mortuary	HIRAYAMA	HV SERIES 110	30510100863	7690	DLS MOR/BME/2009/CLV01
2	BRUNEI MUARA	NHCMRL, Andrology Laboratory	Euronda	Euronda E9	EGO130420	14336	PPM/AND/BME/2014/AUC01
3	BRUNEI MUARA	NHCMRL, Autoclave room	HIRAYAMA	HV-110	30513031232	13512	PPM/MIC/BME/2013/36
4	BRUNEI MUARA	NHCMRL, Autoclave room	HIRAYAMA	HI-CLAVE HV110	30509070688	7205	PPM/MIC/BME/2009/35
5	BRUNEI MUARA	NHCMRL, Autoclave room	HIRAYAMA	HI-CLAVE HV110	981186192	3113	PPM/MIC/BME/2009/34
6	BRUNEI MUARA	NHCMRL, Autoclave room	HIRAYAMA	HI-CLAVE HV110	30509030649	7123	
7	BRUNEI MUARA	NMRL, SUMBILING	HIRAYAMA	HV110	30521052665	26232	PPM/VIRO/2022/012/AC
8	BRUNEI MUARA	NMRL, SUMBILING	HIRAYAMA	HV110	30510010763	7689	PPM/NMRL/BME/011
9	BRUNEI MUARA	NVRL, MDRUV AUTOCLAVE ROOM	HIRAYAMA	HV-110	30521052664	26231	PPM/VIRO/2022/013/AC
10	BRUNEI MUARA	NVRL, MDRUV AUTOCLAVE ROOM	HIRAYAMA	HV-85	30421052371	26236	PPM/VIRO/2021/011/AC
11	BRUNEI MUARA	NVRL, MDRUV AUTOCLAVE ROOM	HIRAYAMA	HV-85	30421052370	26235	PPM/VIRO/2021/010/AC
12	BRUNEI MUARA	NVRL, MDRUV AUTOCLAVE ROOM	HIRAYAMA	HV-110	30520062512	25662	PPM/VIRO/2020/009/AC
13	BRUNEI MUARA	NVRL, MDRUV AUTOCLAVE ROOM	HIRAYAMA	HV-110	30509030648	7121	PPM/PHM/2009/16
14	BRUNEI MUARA	NVRL, MDRUV AUTOCLAVE ROOM	ZEALWAY	G180	A6202010N-A	25466	PPM/VIRO/2020/007/AC
15	BRUNEI MUARA	NVRL, MDRUV AUTOCLAVE ROOM	ZEALWAY	G180	B6201010N-A	25465	PPM/VIRO/2020/006/AC
16	BRUNEI MUARA	NVRL, MDRUV AUTOCLAVE ROOM	ZEALWAY	G180TR	A10195002N-A	25464	PPM/VIRO/2020/005/AC
17	BRUNEI MUARA	NVRL, MDRUV AUTOCLAVE ROOM	JIBIMED	TM-XD50D	20T-0043		PPM/VIRO/2020/004/AC
18	BRUNEI MUARA	NVRL SPECIAL TEST ROOM	TUTTNAUER	3850EL	14060223	17697	PPM/VIRO/2015/003/AC
19	BRUNEI MUARA	NVRL SPECIAL TEST ROOM	HIRAYAMA	HV110	30509070689	7204	PPM/VIRO/2009/001/AC
20	BELAIT	MICROBIOLOGY	HIRAYAMA	HICLAVE	DB4346	7122	PPM/SSB/2010/31
21	TUTONG	Main Lab	HIRAYAMA	HV-85	30421052369	26234	PPM/MGS/BME/2022/5
22	TUTONG	BSL2, CMDLID	ASTELL	AMA260	CLBN53790	27635	PPM/NMRL/BME/062
23	TUTONG	BSL3, CMDLID	BIOBASE	BKQ-350SD-B	20203288		PPM/NMRL/BME/061
24	TUTONG	Utility Room	HIRAYAMA	HV-85	30421052372	26237	PPM/PMM/22/P001