

LAMPIRAN - A1

RUJ: BME/A2K/(1616)/2026/HTD (A17)

9/3/2026

ONE-OFF PPM FOR THIRTY NINE (39) UNITS OF INCUBATOR, DRYING OVEN, AND DRY BLOCK INCUBATOR IN DEPARTMENT OF LAB SERVICES, MINISTRY OF HEALTH

SCOPE OF WORK

04 INCUBATOR, DRYING OVEN, DRY BLOCK 9/3/26

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

A. INCUBATOR:

General cleaning inside and outside of equipment

Cleaning the fan and wheels, glass window etc
Disinfect chamber, shelves, trays, etc
Adjustment door hinge, door seal gasket, alignment glass door
Lubrication hinge, door seal gasket, alignment glass door
Temperature Mapping, Validation/Verification

B: DRYING OVEN

Disinfect internal surfaces with suitable detergent, wipe with damp cloth after disinfection

Clean fan and ventilation if applicable

Check temperature and calibrate if necessary

Verify temperature

C: Dry Block Heater

Inspect the exterior and interior surface, routine cleaning

Inspect the block wells and do cleaning
inspect the temperature controller, electrical, etc

inspect the heater resistance value and input voltage- temperature validation

2. POST MAINTENANCE REQUIREMENTS

Functional test after Preventive Maintenance for all equipments

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 thirty nine units of incubator, drying oven and dry block incubator (Please find proper list in Lampiran A3)

1. SN: 2077576, BME24891, PPM/BDC/BME/2020/080
2. SN: 1015272, BME17396, PPM/BDC-BTL/14/021
3. SN: 12528, BME1811, PPM/BDC-BTL/98/042
4. SN: , BME9922, PPM/AND/BME/2014/OVN01
5. SN: B114.0212, BME16441, PPM/AND/BME/2014/INC01
6. SN: R000102170, BME15594, PPM/AND/BME/2016/INC03
7. SN: R000100106, BME7854, PPM/AND/BME/2014/INC02
8. SN: VRTA-00100, BME16781, PPM/MIC/BME/2014/11
9. SN: 4298, BME5198, PPM/MIC/BME/2004/7
10. SN: 2014-93610, BME17357, PPM/MIC/BME/2015/10
11. SN: E808.017, BME11171, PPM/MIC/BME/2009/5
12. SN: E808.0175. BME6972. PPM/MIC/BME/2009/5

LAMPIRAN - A2

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	SPAREPART	PART NUMBER	QUANTITY
1	ONE OFF PPM		39

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No	District	Location	Brand	Model	Serial No.	BME No.	Lab Reference No.
1	BRUNEI MUARA	BDC, CPL	HELMER	ISERIES PC3200i	2077576	24891	PPM/BDC/BME/2020/080
2	BRUNEI MUARA	BDC, NBTRL	HELMER	ISERIES PC3200i	1015272	17396	PPM/BDC-BTL/14/021
3	BRUNEI MUARA	BDC, NBTRL	THERMOLINE	DB3-221-D	12528	1811	PPM/BDC-BTL/98/042
4	BRUNEI MUARA	NCMRL, Andrology Laboratory	MEMMERT	IN75		9922	PPM/AND/BME/2014/OVN01
5	BRUNEI MUARA	NCMRL, Andrology Laboratory	MEMMERT	UN30	B114.0212	16441	PPM/AND/BME/2014/INC01
6	BRUNEI MUARA	NCMRL, Andrology Laboratory	Stuart Bibby Scientific	SI500	R000102170	15594	PPM/AND/BME/2016/INC03
7	BRUNEI MUARA	NCMRL, Andrology Laboratory	Stuart Bibby Scientific	SI505	R000100106	7854	PPM/AND/BME/2014/INC02
8	BRUNEI MUARA	NCMRL, Main Laboratory	Biomerieux	VIRTUO A-UNIT	VRTA-00100	16781	PPM/MIC/BME/2014/11
9	BRUNEI MUARA	NCMRL, Main Laboratory	Contherm	CTM.1800	4298	5198	PPM/MIC/BME/2004/7
10	BRUNEI MUARA	NCMRL, Main Laboratory	ESCO	CCL-240B-8	2014-93610	17357	PPM/MIC/BME/2015/10
11	BRUNEI MUARA	NCMRL, Main Laboratory	MEMMERT	INE.800	E808.017	11171	PPM/MIC/BME/2009/5
12	BRUNEI MUARA	NCMRL, Serology	MEMMERT	INE.800	E808.0175	6972	PPM/MIC/BME/2009/5
13	BRUNEI MUARA	NCMRL, Serology	NUVE	EN 120	02-1097	7778	PPM/MIC/BME/2010/8
14	BRUNEI MUARA	NCMRL, Serology	NUVE	EN 120	02-1102	7779	PPM/MIC/BME/2010/9
15	BRUNEI MUARA	NHRL, Automation Routine	Laboteny			26962	
16	BRUNEI MUARA	NHRL, Haem Corridor	MEMMERT			4787	PPM/HAE/014/09
17	BRUNEI MUARA	NHRL, Special Haematology	MEMMERT	U30 / 330		4785	PPM/HAE/042/09
18	BRUNEI MUARA	NMRL, SUMBILING	BACTEC		MG1274	5022	PPM/NMRL/BME/008
19	BRUNEI MUARA	NMRL, SUMBILING	BACTEC		MG4498	21199	PPM/NMRL/BME/009
20	BRUNEI MUARA	NMRL, SUMBILING	MEMMERT	INE 800	E809.0087	7314	PPM/NMRL/BME/016
21	BRUNEI MUARA	NMRL, SUMBILING	MEMMERT	UNB200	60529-IP20	8956	PPM/NMRL/BME/017
22	BRUNEI MUARA	NMRL, SUMBILING	UGAIYA	UG-AR400		26013	PPM/NMRL/BME/064
23	BRUNEI MUARA	NVRL, RECEPTION ROOM	BLABOTERY	GFL-70	G200318L 10-1502(6)		PPM/VIRO/2020/005/IN
24	BRUNEI MUARA	NVRL, RECEPTION ROOM	BLABOTERY	GFL-70	G200318L 10-1509(6)		PPM/VIRO/2020/004/IN
25	BRUNEI MUARA	NVRL, TISSUE CULTURE ROOM	CONTERM SCIENTIFIC	MITRE 4000 SERIES	9431	7177	PPM/VIRO/2009/003/IN
26	BRUNEI MUARA	NVRL, UTILITY ROOM	MEMMERT	BM200	902238	4778	PPM/VIRO/2009/001/IN
27	BRUNEI MUARA	NVRL, UTILITY ROOM	MEMMERT	UNB400	C407.1484	11169	PPM/VIRO/2009/002/IN
28	TUTONG	BSL2, CMDLID	UGAIYA	UG-AR400		26014	PPM/NMRL/BME/065
29	TUTONG	BSL3, CMDLID	HETTICH	HETTCUBE 600	0002089-11	28010	PPM/NMRL/BME/047
30	TUTONG	BSL3, CMDLID	HETTICH	HETTCUBE 600	0002095-11	28011	PPM/NMRL/BME/048
31	TUTONG	BSL3, CMDLID	MEMMERT	INE 800	E809.0143	7313	PPM/NMRL/BME/015
32	TUTONG	Micro Lab PMM	MEMMERT	BE700	797.00008	44	PPM/PMML/BME/97/P008

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33	BELAIT	BLOOD BANK	TERUMO	PA400		6706	PPM/BT025/09
34	BELAIT	Blood Transfusion	BIO-RAD	37 S I		21810	PPM/SSB/2014/26
35	BELAIT	Blood Transfusion	BIO-RAD	37 S I		21813	PPM/SSB/2014/26
36	BELAIT	Blood Transfusion	TERUMO	PI200	1211615	9533	PPM/SSB/2013/27
37	BELAIT	HAEMATOLOGY	GEMMYCO	DB-006E	113867	12200	PPM/SSB/2012/55
38	BELAIT	MICROBIOLOGY	MEMMERT	INE 800	D-91126		PPM/SSB/2009/89
39	TEMBURONG	CLINICAL CHEMISTRY LAB	LEEC	BX2	S-4169	8553	PPM/PHM/2012/31