Form B03

Scheduled Maintenance Work Order





Work Order No. PWO365625 Schedule Month June 2018 Work Order Date Completed Date 01/06/2018 24/6 Clinic Name Klinik Pergigian Di Klinik Kesihatan Sur Clinic Code JHR549 BE No. JHR023416 Distict LEDANG 12UAN STERILIZING UNITS, STEAM **BE Category** WO Assigned to Ownership **Existing Equipment** Purchase New **BE** Condition V Active **BER Proposed** Third Party Calibration (TPC) Preventive Maintenance (PM) Work Order Type Routine Inspection (RI) Statutory Certification (SC) Reschedule Date 3E Third Party Calibration / Statutory Certification Details Company Name Cal / Cert Date Cal / Cert Expiry Date Contact Number **Action Taken** Manufacturer : ESCHMANN PM / RI job done as per checklist. Unit tested functioning good & ready to use. Corrective Maintenance / Breakdown Modal: SES 2000 Serial No : 099 0 /4 8 BE Sticker Availability: Remarks: have Schedule Maintenance Execution Details SI No QMS Engineer / Technician Name Date Start Time **End Time** 24/6/18 11.30 1230 12 VAN

Customer Remarks

Engineer / Technician Signature

MOHD IZUAN BIN ZAKARIA

Name

Tochnical Serious Department

Date

OHD121/AN BIN ZAKARIA Technical Serivce Department Japan Medical Solution Sdn. Bhd Customer Signature

Name

Designation Date

Seal

R. ADBAH IZZATY AZIT MDC: 7836

PEGAWAI PERGIGIAN UG44

2 K JUN 2018

For Internal Use

First Verification

QMS Circle Incharge

John Tolling EIN Shin Jion Local Engineering

H.P: 012-3967638

Final Verification

QMS State Incharge



KEMENTERIAN KESIHATAN MALAYSIA

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

CHECKLIST NO:CL-148-000 REV.001

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PAF	RT 2 SF	PECIAL PR	RECA	UTION																			
f the	ere is evi	dence of b	ody fl	uid contan	ninatior	n, subm	it the	devic	e for	cleanir	ng and	d de	econtamination	on be	efore ins	pecting it.							1
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2	Power (and inte	Cord - verif	y prop	er insulati	on	(/	/)	() (() 11	l D	oor lock - Ve	rify p	hysical i	integrity) ()	()
		Relief - veritends of line			rity	(/	/)	() (() 12	2 D	oor gasket V	erify	physica	I integrity) ()	()
		Connectors	rs - ch	neck all		1	/)	() (() 13	3 C	heck water to	ank l	eak				/) ()	()
		s/Switches on of contro		fy proper		4	/)	() (() 14	4 C	heck drain v	alve -	-Physica	al integrity	n		/) ()	()
		rs/ Display tion and op		50.00	ĺ	(/	/)	() () 15	5 C	heck label						(/) ()	()
7	Check fo	use, circuit	breal	ker		(/	/)	() () 16		heck demine		ation and	d sensor	(if		/	()	()
8	Heater -	verify phy	sical I	ntegrity		(/)	() () 17		heck automa	tic w	ater fillir	ng (if avai	lable)		(/) ()	()
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KEMENTERIAN KESIHATAN MALAYSIA

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

CHECKLIST NO:CL-148-000 REV.001

WORK Order No

-ph-0365625

Vo	Description	Checked	Serv Cle		Repla	aced	N Appli	ot cable	No	Description	Chec	ked	Serv		Repl	aced	Not Applicab
1	Fuses	1	()	()	()	16	Discharge Valve	()	()	()	
2	Main Control Board	1	()	()	()	17	Infill Valve	()	()	()	(/)
3	Control Board	(/)	()	()	()	18	Heating Element	(/	1	()	()	()
4	Fan Running Rear & Side	1	()	()	()	19	Heat Exchanger/Cooling system (if applicable)	(/	1	()	()	()
5	Water Resevoir Float Switch/Water Level Sensor	1	()	()	()	20	Vacuum Pump	()	()	()	1
6	Water Resevoir	(/	()	()	()	21	Door Gasket	(/	1	()	()	()
7	Electric Door Lock	(/)	()	()	()	22	Chamber Guard Seal (if applicable)	()	(/	/	()	()
8	Pressure Door Lock	1/5	()	()	()	23	Solid State Relay	9	1	()	()	()
9	Discharge Door Lock	(/)	()	()	()	24	Thermostat Assembly	/	1	()	()	()
10	Pressure Transducer	()	()	()	()	1	25	Temperature Sensor	/	1)	()	()	()
11	Pressure Gauge	()	()	()	(/	/)	26	Thermal Printer (if applicable)	()	()	()	1
12	Safety Valve	(/)	()	()	()	27	Vacuum Pump (if applicable)	()	()	()	1
13	Air Valve/Steam Solenoid Valve	6	()	()	()	28	Filters / strainer	(/	1	()	()	()
14	Air Valve/Steam Solenoid Valve	(/	()	()	()									
15	Air Valve/Steam Solenoid Valve	(/)	()	()	()									
PA	RT 7 Technician Remarks																
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KEMENTERIAN KESIHATAN MALAYSIA

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

ve Maintenance Checklist CHECKLIST NO:CL-148-000 REV.001

WORK ORDER NO - PW 0365625

PART 8	QUANTITATIVE TASKS			-1		
Tick (√)	where appropriate					
No	Description	Units / UOM	Set Values	Measured Values	Limit/Tolerance	PASS FAIL NA
1	Temperature reading	°C	1342	1350	134-137 121-124	100
2	Pressure reading	bar	2.10	2.13	2.03-2.32 1.03-1.23	V () ()
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					and the first of the second section of the section of the second section of the sectio
PART 10	PASS FAIL		A			
			A			
	CORRECTIVE MAINTENANCE REQUIRED			FUNCTIONIN	IG	NOT FUNCTIONING
WOF	RK ORDER NO ►					NEXT PPM DATE ►
	been performed in accordance to the checklist and the equipment of the BY: TED BY: TECHNICAL AND THE AND T	is function	ing to the		ose. WITNESSED BY U	SER: JUN 2018
DATE :				1	DATE :	MDC: 7836 PEGAWAI PERGIGIAN UG44

Date: 24/6/2018

Test Setup

DUT Information

Serial Number:

Manufacturer:

Operator ID:

Calibration Tech:

NADIA

Calibration Date:

25/8/2018

Firmware Version:

2.08.01

Serial Number:

JOB Name:

3246911

Date & Time:

24/06/2018 & 11:30 A.M

Other:

Model:

ESCHMANN SES 2000

099D/48

Equipment Number: JHR 023416

Location:

KP SUNGAI MATI

Template Information

Template Name:

62353-Alt.STERILIZING

Pause after Power ON: NO

Power ON delay:

2

Test Speed:

NORMAL

Halt on Test Failure: YES

Include Time:

YES

Insulation Resistance \ 500V

Multi Enclosure Test: NO

Standard:

IEC62353-Direct

0

Pause before Power O NO

Power OFF delay:

AUTO

Test Mode:

NO

Multi PE Test: Multi Resstore:

WORST/LAST

Reverse Polarity:

YES

Classification:

PLC Configuration-Applied part setup

AP Name AP Type

- . . .

AP Num

ESA615 Test Results

Test Name	Value	High Limits Lo	ow Limits Status
Protective Earth Resistance	0.22 Ohm	0.3 -	Р
Insulation Resistance	0.22 01111	0.5 -	P
Mains to Protective Earth	74.1 MOh	1	Р
Mains Voltage			Р
Live to Neutral	239.9 V		Р
Neutral to Earth	4.6 V		Р
Live to Earth	238.3 V	-	Р
Equipment Current	0.2 A		Р
Direct Equipment Leakage			Р
Open Earth	35.2 uA	500 -	Р
Open Earth- Reversed Mains	50.3 uA	500 -	Р