Form B03

Scheduled Maintenance Work Order



Quantum Medical Solutions sun blid transcruding boundaries, transforming life

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

Work Order No Work Order Date 1 2 r8 Completed Date r / 2 / 2018 Clinic Name D BULLT HADAM Clinic Code WM 01 BE No WRU 1000781 District WR	0								
Clinic Name Company Name Compan									
BE No WHO 1002-81 District WP Letwer BE Category Publication LAPSOLATOR JARWAN WO Assigned to Math. Action District WO Assigned to Math. Distric									
BE Category Ownership Existing Equipment BE Condition Under Warranty Work Order Type Preventive Maintenance (PM) Routine Inspection (RI) BE Third Party Calibration / Statutory Certification Details Company Name Cal / Cert Date Cal / Cert Expiry Date									
Ownership									
BE Condition Under Warranty BER Proposed Work Order Type Preventive Maintenance (PM) Third Party Calibration (TPC) Routine Inspection (RI) Statutory Certification (SC) BE Third Party Calibration / Statutory Certification Details Company Name Cal / Cert Date Contact Number Cal / Cert Expiry Date									
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Company Name Cal / Cert Date Contact Number Cal / Cert Expiry Date Cal / Cert Expiry Date									
Contact Number Cal / Cert Expiry Date Action Taken									
Action Taken									
A									
Schedule Maintenance Execution Details া বিশ্ব									
SI No QMS Engineer / Technician Name Date Start Time End *									
13/2/2018 2-00pm 3.00	@m								
Section 1.									
	AHMENN								
Customer Remarks									
Engineer / Technician Signature Customer Signature									
Name JURANI ALMAD Date Designation Date									
17/7/2018 Stamp									

First Verification QMS Circle Incharge JULIUS LIANSUN

Final Verification QMS State Incharge

> ACKY LEE SABAH STATE MANAGER QUANTUM MEDICAL SOLUTIONS SON BHD



Quantum Medical Solutions Sdn Bhd

BEMS Planned Preventive Maintenance Checklist Freezers,Laboratory,Vaccine
BE CODE:ME-015

CHECKLIST NO:CL-073 REV,000

PART 1	ASSET DET	AILS													<i>0</i>
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/IANUFA	CTURER	· ~ /	037 12								MODEL	>	16		
REQUE	NCY	► 3 MONT	HLY () 6	MONT	HLY ()		12 MONTHLY	6	PPM HOUR		1.0		
PART 2	SPECIAL PE	RECAUTION							Aside i		all dispersion	47.00			
f there is	evidence of b	ody fluid conta	mination, s	submit the	device f	or clear	ning	and	decontaminatio	n before ins	specting it.				
Vear app	propriate Perso	onnel Protectio	n Equipme	ent (PPE)	during w	ork.									
Vear gro	unded electro	static wristban	d when har	ndling PCI	B or elec	tronic c	omp	oner	nts.						
Refer to t	he safety proc	edure for addi	ional preca	autions an	d guidan	ice as p	er m	anut	facturer guldelii	nes.					
/lake sur	e the test equi	pment used ar	e duly calib	orated.											
PART 3	TEST APPA	RATUS													
ick (√)	where appropri	ate											•		
NO	ASS	ET NO			DESC	RIPTIC	DN			5	SERIAL NO		CALIBRA	TION D	UE ON
	TEED	0085	ELECTR	ICAL SAF	ETY TE	STER				32	2703e	7	10	11	119
		0020	THERMO	METER						301	1303421	\J\$	०९	111	18
	,50,71	00 50													
PART 4	QUALITATIV	/E TASKS													
ick (√)	where appropri	iate		DAGG	- 4 11	N 1/		٠					DACC	EAU	NA
1 Cho	ania vorificak	nysical integrity		PASS	FAIL	N/	۱, ۲	7	Controle/ Swit	chae/ Kayns	ad - verify prope	r	PASS	FAIL	()
	nliness and co		,	(/)) (,	operation of co		ad - verily prope	'		. ,	,
2 Mou	nt/ Fasteners	- verify physica	al integrity	(/)	()) ()	8		plays - verif	y proper illumina	ation	(/)	()	()
									and operation						,
3 Pow integ		fy proper insula	ition and	(/)	()) ()	9	Alarm/ Audible	e Signal - ve	erify operation		(State)	()	(/)
		if calculation		(/)	,			40	Door Casket	Hinaaa Ma	rifu nhvojnal Into	arih:	1 (1)	<i>(</i>)	, ,
	ends of line o	ify physical into ord	egnty at	(/)	(,) ('	10	Door Gasket,	niiges - ve	erify physical Inte	giny		. ,	,
5 Circ	uit Breaker/ Fu	use - verify inte	arity of	(/)	() ()	11	Check Compr	essor - Ver	ify physical Integ	grity	()	()	(/)
exte		eaker and/or ra		/ /	,	, (. ,	
6 Fittir	ngs/ Connecto			(/)	() ()	12	Calibration					()	()
fittin	gs/connectors	\$											·		
PART 5	PREVENTIV	E MAINTENA	NCE TASK	(S						4444					
Tick (√)	where appropri	iate													
				DONE	NOT	· NI	,						DONE	NOT DONE	NA
				DONE	DONE	. NA	`						/	**	
1 Clea	aning the insid	e with a vacuu	m cleaner	(/)	() ()	4	Check / replac	re door gas	ket .		(/)	()	(
				, ,,	,										
2 Clea	an comressor			(/)	() ()]								
3 Che	eck/ <u>clean-the</u> r	rmoetat			() (Note		ll Parts N∆	is defined as N	OT AP	PLICARI F		
J CIR	ow greati±tile!	mostat		()	`	, (1		** If you	have ticked	d 'NOT DONE', /er Applicable			: 8	



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BEMS Planned Preventive Maintenance Checklist Freezers,Laboratory,Vaccine BE CODE: ME-015 CHECKLIST NO: CL-073 REV.000

WORK ORDER NO 🕨 pwo 372 052 PART 6 QUANTITATIVE TASKS Tick (\checkmark) where appropriate Set Measured Limit/Tolerance PASS FAIL NA No Description Values UOM Values ψ) () 4.2 °C Temperature PART 7 ELECTRICAL SAFETY TEST ELECTRICAL SAFETY TEST, (attach report) (In accordance to IEC 60601) PASS NA FAIL PART 8 NOTES JURAINI AHMAD KETUA JURUPAWAT KESPATAN USAKUP) NOT FUNCTIONING FUNCTIONING CORRECTIVE MAINTENANCE REQUIRED NEXT PPM DATE > 12 /2/2019 WORK ORDER NO ►_ PPM has been performed in accordance to the checklist and the equipment is functioning to the intended purpose. COMPLETED BY: 1994... 1998... 1998... DATE:

Fluke Biomedical

Date 13/02/2018

Test Setup

Operator ID Calibration Tech

Calibration Date Firmware Version Serial Number

Date & Time JOB Name

LBNBME

10/01/2019 2.08.01 32227039 13/02/2018 & 14:14

DUT Information

Equipment Number Serial Number Manufacturer Model Location Other

WPL 000281

KD BUKIT KALAM

Template Information

Tempiate Name FREEZERS, LAB, VACCINE Pause after Power ON NO Power ON delay RAPID Test Speed Halt on Test Failure YES YES Include Time Insulation Resistance Voltage 250V Multi Enclosure Test

Standard Pause before Power OFF Power OFF delay **Test Mode** Multi PE Test Multi Resstore

Reverse Polarity Classification

IEC62353-Differential NO

AUTO NO WORST/LAST YES

PLC Configuration-Applied part setup

AP Name

AP Type

AP Num

ESA615 Test Results

Test Name	Value	High Limits	Low Limits	Status
Protective Earth Resistance	0.20 Ohm	0.3	_	P
Insulation Resistance				P
Mains to Protective Earth	999 MOhm	-	-	Р
Mains Voltage				Ρ
Live to Neutral	241.5 V	-	-	Р
Live to Earth	12.8 V	-	-	Р
Neutral to Earth	240,5 V	-	•	P
Equipment Current	11.6 A	м.	- A	P
Differential Leakage			- 11	P
Normal Condition	49 uA	500	- []	Ρ
Normal Condition-Reversed mains	61 uA	500	[]	P
			Signature	

Moho. Ashmani s moho hisham Evomedical Technician, GMS 019-2534231