Form B03

Scheduled Maintenance Work Order



Quantum Medical Solutions sdn bhd transcending boundaries, transforming life Format Ref. - QMS/TSD-003 Rev. 00

Work Order No	po-0372 188	Scheduled Month	PEBUARY 2018							
Work Order Date	1/2/16, MUTINARO)	Completed Date	12/2/2018							
Clinic Name	KUNIK I MAKAYOTA JOW 40000	Clinic Code	wplo(\$6							
BE No	bet wpc 000 160	District	WP. Labran							
BE Category	OXIMETERS, PULCE	WO Assigned to	Molfo-Asquari							
Ownership	☐ Existing Equipment	New & Purchased Eq	uipment							
BE Condition	☐ Under Warranty	☐ BER Proposed								
Work Order Type	☐ Preventive Maintenance (PM)	☐ Third Party Calibration (TPC)								
WORK Older Type	☐ Routine inspection (RI)	Statutory Certification	(SC)							
BE Third Party Calibration / Statutory Certification Details										
Company Name	. /	Cal / Cert Date	4							
Contact Number	, / NAV	Cal / Cert Expiry Date	AM .							
Action Taken		Лекополонино ан насокно лино в на нова полони в выничения в выничения в выничения в насокнова в насокнова в на	MONTH COM HERE HAND AND AND AND AND AND AND AND AND AND							
Schedule Maintenance Execution Details										
SI No	QMS Engineer / Technician Name	Date	Start Time End Time							
		12/2/2016	12-30pm 1-30pm							
***************************************	Humi. Ashiane o retis visase Broweingal Yeonresan, qub									
And the second s	615-2634231	wamana ama ama ama ama ama ama ama ama am								
Customer Remarks										
Engineer / Technick	an Signature	Customer Signature								
Name	- Λ	Name								
Date Down Assistant Decision Designation										
	LOND, APPARAT D PULL MALANA BELBEETAL TECHNOLAN, CASS BELBEETAL TECHNOLAN, CASS	Date	AIZZAWAIDIN							
12	2 (2018	Stamp Penolong	Pegawa) Perubatan U29							
For Internal Use on										

First Verification

QMS Circle Incharge

JULIUS LIANSUN BIOMEDICAL ENGINEER, CANS 019-3620179

Final Verification QMS State Inchar

SABAH STATE MANAGER QUANTUM MEDICAL SOLUTIONS SON BHD 

Quantum Medical Solutions Sdn Bhd

BEMS Planned Preventive Maintenance Checklist
Oximeters, Pulse

CHECKLIST NO: CL-107 REV,000

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PAF	RT1 AS	SET DET	AILS												Por Special Co.							
WOF	RK ORE	DER NO	٠	pu	CG	汁	21	8.	C						ASSET NO	•	cepe	-00	ÜĘ	P		
MAN	UFACT	URER	•												MODEL	>						
FRE	QUENC'	Y	•	з МОПТ	HLY ()	6 M	HTNC	ILY	()		12 MONTHLY	(PPM HOURS	>	1,0)				
PAF	RT 2 SF	PECIAL PI	RECA	UTION																		
If the	re is evi	dence of b	ody fl	uid contan	ninatio	on, st	ıbmit th	e de	vice fo	or ole	aning	and	decontaminatio	n before	inspecting it.							
Wea	r approp	riate Pers	onnel	Protection	ı Equip	pmer	it (PPE) duri	ing wo	ork.												
	-	led electro					•															
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		reesp	4)~1	307	ELEC	TRK	CAL SA	FET	Y ANA	ALYZ	ZER			3227039			10/1/19					 }
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		JALITATI\		SKS																		
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		s - verify ph ess and co					(<u>/</u>) ()	()	9	Controls/Switc	hes - ver	rify proper operation	of	/	^)	()	()
2	Mount/ F	Fasteners	- verif	y physical	integr	rity	(/) ()	()	10	Indicators/ Dis	plays - v	erify proper illuminat	iion	(/	7)	()	()
		/Brakes - i	f mou	nted, verif	у		· /) ()	()	11	Alarms/ Interlo	ocks - che	eck all alarms availa	ıble	(/	_)	()	()
	pnysicai	l integrity																				
4	AC Plug] - verify in	tegrity	•			(*) ()	()	12	Label - verify p	hysical i	ntegrity		(/	()	()	()
	Power Cintegrity	Cord - verif	y prop	er insulati	ion an	d	(/) ()	()	13	SPO2 Probe - condition	verify pi	roper operation and		(<u>/</u>)	()	()
		Relief - ver		/sical integ	grity at	t	(/) ()	()	14	Power ON Sel	f Test			/)	()	()
	external	Breaker/ Fo				ı	(/) ()	()	15	Recorder - ver (if applicable)	ify opera	ition		()	()	(<u>/</u>	.)
8	-	l fuse Connecto connectors		neck all			(/) ()	()	16	Battery - verify	battery	charging indicator		()	()	<u>/</u>	()
PAF	RT 5. PR	REVENTIV	EMA	NTENAN	GE TA	ASK	3															
Tick (√) whei	re appropri	iate						ют													
							DONE		ONE **		NA											
1	Inspect	, Clean Int	erlor a	and Exterio	or) ()) ()	No	** If you	have tic	NA is defined as NC ked 'NOT DONE', th							
2	Battery -	- check/ re	elace	***) ()) ()	:	*** Choos	se Which	never Applicable							



Quantum Medical Solutions Sdn Bhd

BEMS Planned Preventive Maintenance Checklist
Oximeters, Pulse
BE CODE: 17-148

CHECKLIST NO; CL-107 REV.000

ORK (ORDER NO ►	pw0392/85							
ART 6		AND IN A STATE OF THE STATE OF		VIITATIV (Continu	E TASKS (es)				
	where appropriate		Units /	Set	Measured	l			
No		Description	UOM	Values	Values	Limit/Tolerance	PASS	FAIL	NA
	SPO2 Accuracy		%	81	82	79 - 83	<u>(/)</u>	()	()
			%	90	91	88 - 92	/ 1	()	()
	Pulse Rate Accura	всу	bpm	30	30	27 - 33	·/	()	()
			bpm	60	60	57 - 63		()	()
			bpm	120	(20	117 - 123	(/)	()	()
					(""				· · · · · · · · · · · · · · · · · · ·
APT 7	ELECTRICAL SA	EPTY TEST							
	ICAL SAFETY TES			instruction					
LOIN	(In accordance to IEC)								
		PASS FAIL	N	Α					
ART 8	NOTES								
art 5 - I	tem 2								
Plea	se indicate the par	t number, description of PPM Kit and any re	pair work to b	e carried	out (if any) :				
lanufact	urer Recommenda	tion							
NBF	² - 40 reguires no r	outine service or calibration .							
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		CORRECTIVE MAINTENANCE REQUIRE	:D		FUNCTION	NG N	OT FUNCTION!	NG	
wo	RK ORDER NO	. <u>Ky</u>				N	EXT PPM DÀTE	- [(¹)	2/ 2019
 PM has	s been performed in	accordance to the checklist and the equipm	nent is function	ning to the	intended pui	rpose.			
		SONO, ASTRACHO SCID HEMAN BIOMEDICAL, DECHPTOLAN, GARS 019-263-1933 1							
	1 - 1	\$48-5930323							

Fluke Biomedical

Date 12/02/2018

Test Setup

Operator ID Calibration Tech

Calibration Date Firmware Version Serial Number

Date & Time JOB Name

LBNBME

10/01/2019 2.08.01 32270 3 12/02/2018 & 12:51 **DUT Information**

Equipment Number Serial Number Manufacturer Model Location Other

WPL 000160

K1M

Template Information

Template Name **OXIMETERS** Pause after Power ON NO Power ON delay RAPID Test Speed Halt on Test Failure YES Include Time YES Insulation Resistance Voltage 250V Multi Enclosure Test NO

Standard

Pause before Power OFF Power OFF delay Test Mode Multi PE Test Multi Resstore Reverse Polarity

IEC62353-Differential NO

0 AUTO NO WORST/LAST

YES

Classification

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	0.13 Ohm	0.3	-	Р
Insulation Resistance				P
Mains to Protective Earth	999 MOhm	-	-	Р
Mains Voltage				P
Live to Neutral	240.9 V	-	-	P
Live to Earth	12.7 V	-	-	þ
Neutral to Earth	240.2 V	_		P
Equipment Current	10.2 A	-	-	Р
Differential Leakage			٨	P
Normal Condition	29 uA	500	- /\	Р
Normal Condition-Reversed mains	43 uA	500	- /\	P

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