Form B03 Scheduled Maintenance Work Order



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

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				ACCOL.	
Work Order No	PWO 340104	Scheduled Month	FA	NUARY 2019,	
Work Order Date	01/01/2018	Completed Date	23.	01.2018	
Clinic Name	KL JALAN OYA.	Clinic Code	2	WKIG9.	
BE No	SWKOO EROR	District	<u> </u>	SIBU 1	
Be Category	LIGHTS, EXAMINATION	WO Assigned to		UBMEL.	
Ownership	Existing Equipment	MEET Equipme	nt		
BE Condition	Under Warranty	BER Proposed			
Manda Ondan Tura	Preventive Maintenance (PM)	Third Party Cali	****		
Work Order Type	Routine Inspection (RI)	Statutory Certif		· · · · · · · · · · · · · · · · · · ·	
Third Party Calibi	ation / Statutory Certification Details				
mpany Name	A/M	Cal / Cert Date		N/A	
mpany Number		Cal / Cert Expiry Date		141,	
Schedule Maintenan					
	neer / Technician Name	Date	Start Time	End Time	
arsony Cho	ules Tham	23-01-2018	11.30	12.00,	
Customer Remarks					
Engineer / Technician	Signature	Customer Signature			
Name		Name	Au A		
Date C	HARLES THAIN Blomedical Engineer	Designation	KUAT		
C	Quantum Medical Solutions Sibil Division	Date 2007	Pagawa Padibilisi 1932. 91-6393		
		Seal	sod ,		
	23.51.2018-				
or Internal Use Only			i.		

First Verification

QMS Circle Incharge

Final Verification QMS State Incharge

Sr. Biomedical Engineer Quantum Medical Solutions

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BEMS Planned Preventive Maintenance Checklist Light, Examination CHECKLIST NO: CL-091 REV.000

	1	~,	9	E CODE 12-276			
PART 1 ASSET DETAILS							
WORK ORDER NO >	PW0340	104			ASSET NO	· Sw	ζοο Ψ8ο δ
MANUFACTURER ►					MODEL	•	
FREQUENCY -	3 МОИТНЦҮ	()	6 MONTHLY () 12 MONTHL	Y (PPM HOUR.	s - 0 15	it.
PART 2 SPECIAL PRECA	UTION						
If there is evidence of body flu				ng and decontamina	tion before inspecting it.		100
Wear appropriate Personnel							
Wear grounded electrostatic to Refer to the safety procedure					llana.		
Make sure the test equipment			1 guidande as per	manulaciulei guide	m)es.		
PARES TEST APPARATUS							
5 (√) where appropriate			-			<u> </u>	
NO ASSET NO			DESCRIPTION		SERIAL NO	CALIBR	RATION DUE ON
1) TEESA 000	ELEC	TRICAL SAFE	TY ANALYZER		348073	2012	18
2) TEESAUIS	o LUX	METER			15 010 6816	7/1	VIR
			*		() 0(0 (00)		1.0
							
PART 4 QUALITATIVE TASK	(S					The Sea of the sa	Nagariana naga
ick (√) where appropriate	37. <u>N. 200</u> (300)						
		PASS	FAIL NA			PASS	FAIL NA
f Chassis - verify physical int	tog eik /	(V) (,	
cleanliness and condition	ieginy.	(0)() ()	7 Easy handling performance	of all the articulation - verify) ()
! Fittings/Connectors - verify	integrity	(V) () ()	8 Maneuver stab	ility - verify balance	(1)) ()
		2				,	
Controls/Switches - verify page of controls	roper operatio	n (V) () ()	9 Stand by power	r - verify operation	(V) () ()
Indicators/ Displays - verify	nroper	(%)(1	10. Circulas con	area of the light - M '	ر جموسر ،	
illumination and operation	hi ohei	(📞) () (🗸)	performance	ance of the light path - verify	(10) () ()
Brightness Control - verify of	peration	() () (11 Check light focu	18	() () ()
		1	*				
Lighthead - verify fixation		(\mathcal{A})) ()	12 Suspension - ve	erify fixation	(6/) () ()
							
RT5 PREVENTIVE MAINTE	NANCE TASI	(S ांग्से ४८४)					
(V) where appropriate		N	от				TOP
			NE NA				ONE NA
Lenses/Heat Filter - Check ar	nd clean	(V)() (4 Bulb holder - Ch	neck / replace***) ()
Closeliness Close the city							
Cleanliness - Clean the exterl interior of the equipment	or and	(~~)() () N	otes:			
Bulb - Check / replace***		()) ()	* For all Pai	rts, NA is defined as NOT AP	PLICABLE	
		•		**If you hav	e ticked 'NOT DONE', then ju Whichever Applicable		

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	A CONTRACT OF STREET, GOVERNOR S. Rev.

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BEMS Planned Preventive Maintenance Checklist

CHECKLIST NO: CL-091

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ORK	ORDER NO ►	PW0340104						,
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k (√)	where appropriate		Unite /	Cat	Measured	1	Г	
No		Description	UOM	Values	Values	Limit/Tolerance	PASS	FAIL NA
	Light intensity at	f m distance	Lux				()	(1 ()
No Description Units / Set UNIVALUES								
				-				
110° = 1		-2-x 42	Landing to the		er jerrija je tarij	#843Ma31, 7771, F13	Carrate laborates	
(٨				
	<u>v</u>	PASS FAIL		-				
	***							7 2
[[8]]	NOTES			4 (4)				
			ùy	3	, cod	*		
	c	ORRECTIVE MAINTENANCE REQUIRE	 D	F	NOLLONING	3 N	OT FUNCTIONIN	G
VORK	ORDER NO ►_					N	EXT PPM DATE	- JAN DOU
as hee	an performed in ac-	cordance to the checkfist and the equinme	ent is functioning	a to the in	tended purpo)se.		
	CF	Biomedical Facility						
	Qua	Intum Medical Solutions						
:		Sibu Division						

Test Setup

DUT Information

Serial Number :

Manufacturer:

Operator ID:

Equipment Number:

SWK004808

Calibration Tech:

99699

N/A

Calibration Date:

20/12/2018

Firmware Version:

2.12.01

N/A

Serial Number:

3218073

N/A

Date & Time:

23/01/2018 & 11:50

Location:

KK JLN OYA

JOB Name:

PPM

Other:

Model:

Template Information

Template Name:

Light, Examination

Standard:

IEC60601-1-2nd Ed

Pause after Power ON:

NO

Pause before Power OFF:

NO

Power ON delay:

2

Power OFF delay:

0

Test Speed:

NORMAL

Test Mode:

AUTO

Halt on Test Failure:

YES

Multi PE Test:

NO

Include Time: Insulation Resistance Vi YES

Multi Resstore:

WORST/LAST

Multi Enclosure Test:

500V NO

Reverse Polarity: Classification:

YES 1

PLC Configuration-Applied part setup

AP Name

AP Type

AP Num

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ESA615 Test Results

Test Name	Value	High Limits	Low Limits	Status
Protective Earth Resistance	0.098 Ohm	0.2	_	Р
Insulation Resistance				
Mains to Protective Earth	999 MOhm	-	-	Р
Mains to Non-Earth Accessible	999 MOhm	-	_	p
Conductive Part				
Mains to Applied Parts	999 MOhm	-	-	Р
Applied Parts to Non-Earth Accessible	999 MOhm	_	-	Р
Conductive Part				
Mains Voltage				
Live to Neutral	239.1 V	-	-	Р
Neutral to Earth	3.8 V	-	-	Р
Live to Earth	240.5 V	-	-	Р
Equipment Current	0.0 A	-	-	Р

Earth Leakage Current				
Normal Condition	16.3 uA-OPEN	500	-	Р
Open Neutral	33.5 uA-OPEN	1000	-	Р
Open Neutral- Reversed Mains	33.4 uA-OPEN	1000	-	Р
Normal Condition- Reversed Mains	17.7 uA-OPEN	500	-	Р
Enclosure Leakage Current				
Normal Condition	0.7 uA-OPEN	100	-	₽
Open Earth	0.9 uA-OPEN	500	-	Р
Open Neutral	1.2 uA-OPEN	500	-	Р
Open Neutral- Reversed Mains	1.2 uA-OPEN	500	-	Р
Normal Condition- Reversed Mains	0.7 uA-OPEN	100	-	Р
Open Earth- Reversed Mains	0.9 uA-OPEN	500	-	Р
Patient Leakage Current				
Normal Condition				
	0.5 uA-OPEN	100	-	Р
Open Earth				
	0.6 uA-OPEN	500	-	Р
Open Neutral				
	0.7 uA-OPEN	500	-	₽
Open Neutral- Reversed Mains				
	0.6 uA-OPEN	500	-	Р
Normal Condition- Reversed Mains				
	0.5 uA-OPEN	100	-	Р
Open Earth- Reversed Mains				
	0.5 uA-OPEN	500	-	Р

Signature