# Form B03 Scheduled Maintenance Work Order



Format Ref: - QMS/TSD-022 Rev.01

Work Order Date  O1/06/2018  Clinic Name  Klinik Kesihatan Posta / Kampung Ken Clinic Code  JHR015  BE No.  JHNLIE016  Distict  BATU PAHAT  BE Category  Light, Examination  WO Assigned to  WOUND SHADQUL  Ownership  Existing Equipment  Purchase  V New  BER Proposed  Work Order Type  Preventive Maintenance (PM)  Third Party Calibration (TPC)  Reschedule Date  BE Third Party Calibration / Statutory Certification Details  Company Name  NA  Cal / Cert Date  Contact Number  Action Taken  PM / RI job done as per checklist. Unit tested functioning good & ready to use.  Manufacturer:  Modal:  Be Sticker Availability:  Yes / NA  Serial No:  Remarks:  Schedule Maintenance Execution Details  SI No  QMS Engineer / Technician Name  Date  NOUND SHADQUL  Customer Remarks  Customer Remarks  Customer Remarks  Customer Remarks  Customer Remarks  Customer Famarks  Customer Remarks  Customer Remarks  Customer Famarks  Customer Signature  Name  Name  Name  Name  Date  NK Ks, Kengingen Date Onn  Seal  OUNTUM MEDICAL SOLUTION  Date  NK Ks, Kengingen Date Onn  J 5 16 / LS  KK Ks, Kengingen Date Onn  J 5 16 / LS  KK Ks, Kengingen Date Onn  J 5 16 / LS										
Clinic Name Klinik Kesihatan Pesta / Kampung Ken Clinic Code JHR015  BE No. JHNLIE016 Distict BATU PAHAT  BE Category Light, Examination WO Assigned to WOUND SHADQUL.  Ownership Existing Equipment Purchase V New BER Proposed  Work Order Type Preventive Maintenance (PM) Third Party Calibration (TPC)  Work Order Type Preventive Maintenance (PM) Statutory Certification (SC)  Reschedule Date  BE Third Party Calibration / Statutory Certification Details  Company Name Cal / Cert Date Ontact Number Cal / Cert Expiry Date  Ontact Number Serial No:  BE Sticker Availability: Yes / NA Serial No:  Remarks:  Schedule Maintenance Execution Details  SI No QMS Engineer / Technician Name Date Start Time End Time NOUND SHADQUL.  Customer Remarks  Customer Remarks  Customer Remarks  Customer Remarks  Customer Flemarks  Customer Flemarks  Customer Flemarks  Customer Flemarks  Customer Signature Name Name Name Num Hazirar Keep Adullah (No. Pengdiffaran Penuh: 5451) Junia Ware User Name Name Name Name Name Name Name Name	Work Order No.	PWO371519	Schedule Month	June 2018						
BE No. JHNLIE016 Distict BATU PAHAT  BE Category Light, Examination WO Assigned to MOUND SHADRUL.  Ownership Existing Equipment Purchase New Work Order Type Preventive Maintenance (PM) Third Party Calibration (TPC)  Work Order Type Preventive Maintenance (PM) Statutory Certification (SC)  Reschedule Date  BE Third Party Calibration / Statutory Certification Details  Company Name Cal / Cert Date No  Contact Number Cal / Cert Expiry Date Nodal:  BE Sticker Availability: Yes / NA Serial No:  Remarks:  Schedule Maintenance / Breakdown Modal:  BE Sticker Availability: Yes / NA Serial No:  Remarks:  Schedule Maintenance Execution Details  SI NO CMS Engineer / Technician Name Date Start Time End Time  MOHD SHADRUL. 25 - 26 - 2018 15 - 55 16 4 45  Customer Remarks  Customer Remarks  Ame  Name  Name  Name  Date Nur Hazira Neery Abdullah  No-Pengiflaran Penint: S4451)  Juneawat U29  KK Kg. (Sengapa Dato Onn  JUANTUM MEDICAL SOLUTION  Beauting August Start	Work Order Date	01/06/2018	Completed Date	25-06-2018						
BE Category  Light, Examination  WO Assigned to  MOHO SHADRUL  Ownership  Existing Equipment  Purchase  Now  BER Proposed  Work Order Type  Preventive Maintenance (PM)  Third Party Calibration (TPC)  Routine Inspection (RI)  Statutory Certification (SC)  Reschedule Date  BE Third Party Calibration / Statutory Certification Details  Company Name  Cal / Cert Date  Non  Cal / Cert Expiry Date  Action Taken  PM / Ri job done as per checklist. Unit tested functioning good & ready to use.  Manufacturer:  Corrective Maintenance / Breakdown  BE Sticker Availability: Yes / NA Serial No:  Remarks:  Schedule Maintenance Execution Details  SI No  OMS Engineer / Technician Name  Date  MOHD SHADRUL  Customer Remarks  Customer Remarks  Customer Remarks  Customer Signature  Name  Date  Nur Hazira Necar Abdullah  No. Pengdfaran Penint: 54451)  Juneared 129  KK Kg. (Fengrage Dato Onn  John Shadrul Bill MOHD SMAIUR  Seal	Clinic Name	Klinik Kesihatan Pesta / Kampung Ken	Clinic Code	JHR015						
Ownership	BE No.	JHNLIE016	Distict	BATU PAHAT						
BE Condition    V   Active   BER Proposed	BE Category	Light, Examination	WO Assigned to	MUHD SHADRUL.						
Work Order Type  Preventive Maintenance (PM) Statutory Certification (TPC)  Reschedule Date  BE Third Party Calibration / Statutory Certification Details  Company Name Cal / Cert Date  Contact Number Cal / Cert Expiry Date  Action Taken  PM / RI job done as per checklist. Unit tested functioning good & ready to use. Manufacturer:  Corrective Maintenance / Breakdown Modal:  BE Sticker Availability: Yes / NA Serial No:  Remarks:  Schedule Maintenance Execution Details  SI No OMS Engineer / Technician Name Date Start Time End Time  MOUHD SHADRUL STORY SIGNATURE Engineer / Technician Name Number Signature  Name Number Name  Date Name Number Name Name Name Name Name Name Name Name	Ownership	Existing Equipment	Purchase	√ New						
Reschedule Date    Routine Inspection (RI)   Statutory Certification (SC)	BE Condition	✓ Active	BER Proposed							
Reschedule Date  BE Third Party Calibration / Statutory Certification Details  Company Name  Contact Number  Contact Number  Action Taken  PM / RI job done as per checklist. Unit tested functioning good & ready to use.  Manufacturer:  Corrective Maintenance / Breakdown  BE Sticker Availability: Yes / NA Serial No:  Remarks:  Schedule Maintenance Execution Details  SI No QMS Engineer / Technician Name Date Start Time End Time  MUHD SHADRUL  25 06 20 8 Designation  Name  Name  Name  Name  Date  Name  Name  Date  Name  Name  Date  Start Time End Time  Customer Remarks  Customer Remarks  Serial No:  Remarks:  Customer Remarks  Serial No:	Work Order Type	Preventive Maintenance (PM)	Third Party Calibra	ation (TPC)						
BE Third Party Calibration / Statutory Certification Details  Company Name	Work Order Type	✓ Routine Inspection (RI)	Statutory Certificat	ion (SC)						
Company Name Contact Number Contact Number Col / Cert Expiry Date  Action Taken  PM / RI job done as per checklist. Unit tested functioning good & ready to use.  Manufacturer:  Corrective Maintenance / Breakdown BE Sticker Availability: Yes / NA Serial No:  Remarks:  Schedule Maintenance Execution Details SI No QMS Engineer / Technician Name Date Start Time End Time  MUHD SHADRUL  SSP 16: 45  Customer Remarks  Customer Remarks  Customer Remarks  Customer Signature Name Date Nur Hazirah Necey Abdullah (No. Pendefiaran Penuh: 54451) Jururawat U29 KK Kg. Kengnoan Dato Onn Seal  OUANTUM MEDICAL SOLUTION Seal  OUANTUM MEDICAL SOLUTION Seal	Reschedule Date									
Contact Number  Action Taken  PM / RI job done as per checklist. Unit tested functioning good & ready to use.  PM / RI job done as per checklist. Unit tested functioning good & ready to use.  Manufacturer:  Corrective Maintenance / Breakdown  BE Sticker Availability: Yes / NA Serial No:  Remarks:  Schedule Maintenance Execution Details  SI No QMS Engineer / Technician Name Date Start Time End Time  MUHD SHADRUL DESTRUCTION  Nume  Nume  Nume  Nume  Nume  Nume  Nume  Nume  Nume  Date  OUANTUM MEDICAL SOLUTION  POUANTUM MEDICAL SOL	BE Third Party Calibra	tion / Statutory Certification Details								
Contact Number  Action Taken  PM / RI job done as per checklist. Unit tested functioning good & ready to use.  Breakdown  BE Sticker Availability:  Yes / NA  Serial No:  Schedule Maintenance Execution Details  SI No  QMS Engineer / Technician Name  Date  MUHD SHADRUL  Customer Remarks  Customer Remarks  Engineer / Technician Signature Name Name Date  Name Name Date  Nur Hazirah Necey Abdullah (No. Pengfitran Pentus 4451)  Jururawet U29  KK Kg. Kengngap Dato Onn  Seal  QUANTUM MEDICAL SOLUTION Seal  QUANTUM MEDICAL SOLUTION Seal	Company Name	NA	Cal / Cert Date							
PM / RI job done as per checklist. Unit tested functioning good & ready to use.    PM / RI job done as per checklist. Unit tested functioning good & ready to use.   Manufacturer:	Contact Number		Cal / Cert Expiry Date							
SI No QMS Engineer / Technician Name Date Start Time End Time  MUHD SHADRUL . 25-06-2018 15:55 16:45  Customer Remarks  Engineer / Technician Signature Name Name Name Name Name Name Date Signature Name Date QUANTUM MEDICAL SOLUTION Seal Signature Note Seal Signature K (No. Pengatiran Penuh: 54451)  QUANTUM MEDICAL SOLUTION Seal Signature K (No. Pengatiran Penuh: 54451)  QUANTUM MEDICAL SOLUTION Seal Signature Note Seal Signature Name Name Name Name Name Name Name Nam	Corrective N BE Sticker A	Maintenance / Breakdown	Modal:							
Customer Remarks  Customer Remarks  Customer Signature Name Name Nur Hazirar Necey Abdullah No. Pendeftaran Penuh: 54451) Jururawat U29 KK Kg. Kennangan Dato Onn HUHAMMAD SHAZRUL BIN MOHD SAMSURI  STEMER M. J. E. HAUTTAN	Schedule Maintenance	Execution Details								
Customer Remarks  Engineer / Technician Signature Name Name Name Name Nur Hazirah Necey Abdullah Designation Nu. Pendaftaran Penuh: 54451) Jururawat U29 NK Kg. Kenengan Dato Onn Seal  SIGNATURA MOHD SAMSURI	SI No	QMS Engineer / Technician Name	Date	Start Time End Time						
Engineer / Technician Signature  Name  Name  Name  Nur Hazirak Necey Abdullah  No. Pendaftaran Penuh: 54451)  Jururawat U29  KK Kg. Kenangan Dato Onn  HUHAMMAD SHAZRUL BIN MOHD SAMSURI		MUHD SHADRUL.	72-08-7018	15:55 16:45						
Engineer / Technician Signature  Name  Name  Name  Nur Hazirak Necey Abdullah  No. Pendaftaran Penuh: 54451)  Jururawat U29  KK Kg. Kenangan Dato Onn  HUHAMMAD SHAZRUL BIN MOHD SAMSURI										
Engineer / Technician Signature  Name  Name  Name  Nur Hazirak Necey Abdullah  No. Pendaftaran Penuh: 54451)  Jururawat U29  KK Kg. Kenangan Dato Onn  HUHAMMAD SHAZRUL BIN MOHD SAMSURI										
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For Internal Use	Name Date  QUANTU	Inature 25 06 20 18	Name Nur Haz Designation (No. Pend Date KK Kg.	daftaran Penuh: 54451) Jururawat U29 Kenangan Dato Onn						

First Verification

QMS Circle Incharge

RAZILA MISKAN
Biomedical Engineer (Circle In-Charge)
Quantum Medical Solutions Sdn. Bhd.

Final Verification

QMS State Incharge

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## KEMENTERIAN KESIHATAN MALAYSIA

MEET Planned Preventive Maintenance Checklist Light, Examination BE CODE: 12-276

CHECKLIST NO:CL-091-000 REV.000

PA	RT 1 A	SSET DET	TAILS														
wo	RK ORI	DER NO	<b>&gt;</b>	pwa 3	371519	۹.							BE NO	•	JHNCIE O	16.	
MAN	NUFACT	URER	•	L-1-D									MODEL	•	3////		
FRE	QUENC	Υ	•	12 MONT	HLY (√)	)							PPM HOURS	<b>&gt;</b>	0.50		
PA	RT 2 SI	PECIAL P	RECAL	UTION													
If the	ere is evi	idence of b	ody flu	uid contam	ination, su	ubmit the	device	e for c	leanin	g ar	nd decontamination l	before inspect	ing it.				
Wea	ar approp	oriate Pers	onnel F	Protection	Equipmer	nt (PPE) o	during	work.									
Wea	ar ground	ded electro	static v	wristband v	when hand	dling PCE	or el	ectror	nic com	npor	nents.						
Refe	er to the	safety prod	cedure	for additio	nal preca	utions and	d guid	ance	as per	mai	nufacturer guidelines	s.					
Mak	e sure th	ne test equ	ipment	t used are	duly calib	rated.											
PA	RT 3 TE	EST APPA	RATU	S													
Tick	( $$ ) whe	ere appropr	riate														
١	10	ASS	SET NO	)			DE	ESCR	IPTIOI	Ń		SE	RIAL NO		CALIBRATIO	ON DUE O	N
	1 1	EESA	00:	74 -	ELECTR	ICAL SAF	ETY	ANAL	YZER			322	6906		9/10	12018	*
PA	RT 4 Q	UALITATI	VE TAS	SKS													
Tick	() whe	re appropr	iate														
1	Chassis - Verify physical integrity, ( / ) ( ) ( ) cleanliness and condition.							)									
2	2 Fittings/Connectors - Verify integrity. ( ) ( ) ( )							-)									
Controls/Switches - Verify proper operation ( // ) ( ) ( ) of controls.							)										
4 Easy handling of all the articulation - Verify ( ) ( ) ( ) performance.							)										
	penom	iance.															
5	Brightne	ess - Verif	y opera	ation.		()	(	)	(	)							
PA	RT 5 PI	REVENTIV	/E MAI	INTENANO	CE TASK	S											
Tick	() whe	re appropr	iate														
							NO	TC									
						DONE	DON	1E **	NA		Notes:						
1	Lense -	Check an	d clear	٦.		(/)	(	)	(	)	4 Bulb holder - C	Check/replace	***		( /) (	) (	)
2	Cleanlir the equ	ness - Clea iipment.	an the e	exterior/int	erior of	( / )	(	)	(	)	Notes:						
3	Bulb - 0	Check/repl	ace***			(//)	(	)	(	)	**If you ha		fined as NOT A T DONE', then Applicable				



### KEMENTERIAN KESIHATAN MALAYSIA

MEET Planned Preventive Maintenance Checklist Light, Examination

CHECKLIST NO:CL-091-000 REV.000

	77.00		BE CODE	: 12-276				
WORK C	RDER NO ►							
PART 6	QUANTITATIVE T	ASKS						
	vhere appropriate							
	пете арргориате	Decadation	Units /	Set Values	Measured	Limit/Tolerance	PASS	FAIL NA
No		Description	UOM	Set values	Values	Lilliu Tolerance	PASS	FAIL NA
	Not Applicable							
PART 7	ELECTRICAL SAI	FETY TEST						
LECTRI	CAL SAFETY TES	T, (attach report)						
ick ( \vec{v})	where appropriate	?						
	Standard use :			Result:				
		IEC 60601 IEC 61010 IEC 6235	53		PASS	FAIL	NA	
	NOTES				<del></del>			
			И	A				
		CORRECTIVE MAINTENANCE REQUIRED			FUNCTIONII	NG	NOT FUNCTION	
WOF	RK ORDER NO •	NA					NEXT PPM DATE	JUNE 19
COMPLE		accordance to the checklist and the equipment is  HD SHADRUL  - 2018	functionii	ng to the intend	ded purpose.			

#### Test Setup

#### **DUT Information**

Serial Number:

Manufacturer:

Operator ID:

Calibration Tech:

DINA

9/10/2017

Calibration Date : Firmware Version :

2.08.01

Serial Number:

3226906

Model:

NA NA

Location:

KK PESTA

Date & Time : JOB Name:

06/25/2018 & 14:20

Other:

Pause before Power OI NO

Equipment Number: JHPLIE016

#### Template Information

Template Name:

JHPLIE016

Standard:

IEC60601-1-2nd Ed

0

Pause after Power ON: NO

Power ON delay:

Test Speed:

NORMAL

Power OFF delay: Test Mode:

AUTO

Halt on Test Failure: YES

NO

Include Time:

Multi PE Test:

WORST/LAST

YES

Multi Resstore: Reverse Polarity:

YES

Insulation Resistance V 500V Multi Enclosure Test: NO

Classification:

PLC Configuration-Applied part setup

AP Name AP Type

AP Num

#### **ESA615 Test Results**

Value	High	Limits	Low Limits	Stat
				Р
ri 999 MOhi	า -		<u>=</u>	Р
				Р
241.2 V	12		_	Р
0.2 A	82		<u>=</u>	Р
				Р
0.5 uA-OP	1	100	-	Р
0.7 uA-OP	1	500	=	Ρ
0.7 uA-OP	1	500	=	Р
0.6 uA-OP	1	100	-	Р
				Р
2.1 uA-OP	I	1000	-	Р
	241.2 V 0.2 A 0.5 uA-OP 0.7 uA-OP 0.7 uA-OP 0.6 uA-OP	rl 999 MOhn - 241.2 V -	241.2 V - 0.2 A - 100 0.7 uA-OPI 500 0.6 uA-OPI 100	1 999 MOhn 241.2 V 0.2 A  0.5 uA-OPI 100 - 0.7 uA-OPI 500 - 0.7 uA-OPI 500 - 0.6 uA-OPI 100 -

