## Form B03

# **Scheduled Maintenance Work Order**



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

Work Order No.	PWO359950	Schedule Month	June 2018				
Work Order Date	01/06/2018	Completed Date	19/6/18				
Clinic Name	Klinik Kesihatan Batu Pahat	Clinic Code	JHR003				
BE No.	JHR001682	Distict	BATU PAHAT				
BE Category	Refrigerators, Laboratory	WO Assigned to	Najib Farhan	9			
Ownership	✓ Existing Equipment	Purchase	New				
BE Condition	✓ Active	BER Proposed	•				
Work Order Type  Preventive Maintenance (PM)  Third Party Calibration (TPC)							
Work Order Type	Routine Inspection (RI)	Statutory Certific	ation (SC)				
Reschedule Date							
BE Third Party Calik	ration / Statutory Certification Details						
Company Name	ban .	Cal / Cert Date	M				
Contact Number	,	Cal / Cert Expiry Date	,				
	under breakdenn, will be done after repa						
	nce Execution Details						
SI No	QMS Engineer / Technician Name	Date	Start Time	End Time			
	Ferhen	19/6/18	1830	I W AT I ALA AND			
l l				1547 Vano			
				154 VANDO			
Customer Remarks				- IS 44 VONDO			
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	Signature  MOHD NAJIB FARHAN B. ISMAIL  BIOMETICAL ATMEER  (012 22		IZA BINTI ABD. ekrylogi Makynol Perubutan U Kulala Kesihatar Satu Paho 19/6/18	AZ1Z			

For Internal Use

FRICAL SOLUTIONS RINT MISKAN Blue LL CANTOLER

First Verification QMS Circle Incharge Final Verification QMS State Incharge .



# KEMENTERIAN KESIHATAN MALAYSIA

MEET Planned Preventive Maintenance Checklist Refrigerators, Laboratory CHECKLIST NO:CL-121-000 REV.000

		Manual State of State						K	12.73		DE: 17-157							
PA	RT 1	ASSET DETAILS																
wo	RK O	RDER NO ▶										BE NO	<b>&gt;</b>	JHP	٥٥	168	2_	
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		ropriate Personnel P								3								
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- Inches		the test equipment		duly calib	rated.													
		TEST APPARATUS	S															
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		liness and condition				,					operation of co				- 88			- 2
2	Mour	nt/ Fasteners - verify	physical in	ntegrity	(	)	(	)	(	)		plays - verify proper illumination	on	( )	(	)	(	)
											and operation							
3	Power	er Cord - verify properity	er insulatio	n and	(	)	(	)	(	)	9 Alarm/ Audible	e Signal - verify operation		( )	(	)	(	)
4	Strair	n Relief - verify phys	sical integr	rity at	ĭ	١	í	)	(		10 Check Compre	essor - verify physical Integrity	v	( )	(	· ·	(	)
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5	Circu	it Breaker/ Fuse - ve	erify integri	ity of	(	)	(	)	(	)	11 Check Thermo	ostate - verify physical Integrit	ty	( )	(	)	(	)
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6	Door	Gasket,Hinges - ve	rify physica	al	(	)	(	)	(	)								
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### KEMENTERIAN KESIHATAN MALAYSIA

MEET Planned Preventive Maintenance Checklist Refrigerators, Laboratory BE CODE: 17-157 CHECKLIST NO:CL-121-000 REV.000

WORK ORDER NO >

ECTRICAL SAFETY TEST. (attach report)  ck ( 1) where appropriate  Standard use:    IEC 60801   IEC 61010   IEC 62353   PASS   FAIL   NA  ART 8 NOTES    CORRECTIVE MAINTENANCE REQUIRED   FUNCTIONING   NOT FUNCTIONING  WORK ORDER NO   NEXT PPM DA   NEXT PPM DA   PM has been performed in accordance to the checklist and the equipment is functioning to the intended purpose.	
ART 7 ELECTRICAL SAFETY TEST  ECTRICAL SAFETY TEST, (attach report)  kf \( \frac{1}{2} \) where appropriate  \[ \text{Standard use: Result: } \]  \[ lec 68601   lec 61010   lec 62353   PASS   FAIL   NA    ART 8 NOTES  \[ \text{NOTES   NOTES   PASS   NA   NOTES    \[ \text{CORRECTIVE MAINTENANCE REQUIRED   FUNCTIONING   NOT FUNCTIONING   NEXT PPM DA    \text{NOTES   NOTES   NOTES   NOTES    \[ \text{NOTES   NOTES   PASS   PAIL   NA    \[ \text{NOTES   PASS   PAIL   PASS   PAIL   PAIL   PAIL    \[ \text{NOTES   PASS   PAIL   PAS	
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#### **Test Setup**

#### **DUT** Information

Operator ID:

Equipment Number: JHR001682

Calibration Tech:

DINA

Calibration Date:

9/10/2017

Serial Number: Manufacturer:

Firmware Version:

2.08.01

Model:

Serial Number:

3226906

Location:

KK BATU PAHAT

Date & Time:

07/26/2018 & 01:36pm

Other:

JOB Name:

### **Template Information**

Template Name:

JHR001682

Standard:

IEC60601-1-2nd Ed

Pause after Power ON: NO

Pause before Power O NO

Power ON delay:

2

Power OFF delay:

0

Test Speed:

**NORMAL** 

Test Mode:

**AUTO** 

Halt on Test Failure:

YES

Multi PE Test:

Include Time:

YES

Multi Resstore: Reverse Polarity: WORST/LAST

Insulation Resistance \ 500∨

YES

1

NO

Multi Enclosure Test: NO

Classification:

#### PLC Configuration-Applied part setup

AP Name AP Type

AP Num

#### **ESA615 Test Results**

Test Name	Value	High Limits Low Limit	ts Status
Protective Earth Resistance	0.093 Ohr	r 0.2 -	Р
Insulation Resistance			Р
Mains to Protective Earth	999 MOhi	1	Р
Mains to Non-Earth Accessible Conductive Par	r 999 MOhi	1	Р
Mains Voltage			Р
Live to Neutral	235.8 V	±1	Р
Neutral to Earth	115.5 V		Р
Live to Earth	122.6 V		Р
Equipment Current	0.2 A	~ ~	Р
Earth Leakage Current			Р
Normal Condition	25.5 uA-O	1 500 -	Р
Open Neutral	65.4 uA-O	1000 -	Р
Open Neutral- Reversed Mains	65.2 uA-O	1000 -	Р
Normal Condition- Reversed Mains	35.9 uA-O	500 -	Р
Enclosure Leakage Current			Р

est to

Normal Condition	0.1 uA-OPI	100 -	Р
Open Earth	24.3 uA-OI	500 -	Р
Open Neutral	0.1 uA-OPI	500 -	Р
Open Neutral- Reversed Mains	0.1 uA-OPI	500 -	Р
Normal Condition- Reversed Mains	0.1 uA-OPI	100 -	Р
Open Earth- Reversed Mains	35.6 uA-OI	500 -	Р

MOHD NAUSignature 6 ISMAIL BIOMEDICAL ENGINE R (012-296 744-8)

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