Form B03

Scheduled Maintenance Work Order



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

Work Order No		N/a pw0465014	Scheduled Month		January 2019				
Work Order Date		No 01/01/2019	Completed Date		22/1/2019				
Clinic Name		K.K TRONOH	Clin	ic Code	PRK040				
BE No		PRKCOC265	Dist	rict	KINTA				
BE Category		HEMBTCLEGY BABLYJER (M)) wo	Assigned to	NOOR DAB DU(
Ownership		Existing Equipment	☐ MEET Equipment						
BE Condition		☐ Under Warranty	☐ BER Proposed						
Work Order Type		Preventive Maintenance (PM)							
		☐ Routine Inspection (RI)		Statutory Certification (SC)					
Reschedul	le Date								
BE Third	Party Ca	libration / Statutory Certification Details	runinga.						
Company Name		No	Cal	Cert Date	No				
Contact Number		Wo	Cal	Cert Expiry Date	No				
mpo	(11af	TED DISTILLED WATED FOR DILUTENT REPLACE	7 T FN	CTAL SIN. B	urer: 545M KX21 1569 Date: 1/7/ . kKm/5KA 06/H/11/3	2011 11/10/10/10/100			
Schedule	Maintena	ince Execution Details							
SI No		QMS Engineer / Technician Name		Date	Start Time End Time				
1	poo	apen		22/1/2019	9:30	11:30			
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For Internal Use only

First Verification

QMS Circle Incharge

Final Verification QMS State Incharge



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MEET Planned Preventive Maintenance Checklist
Analyzers, Laboratory, Hematology, Cell Counting, Automated (Medium)

CHECKLIST NO:CL-015-003

BE CODE : ME-009 PART 1 ASSET DETAILS ·PRKCOOD65 MO PWO 465014 WORK ORDER NO BE NO MANUFACTURER SYSMEX MODEL FREQUENCY 6 MONTHLY (/) 12 MONTHLY () PPM HOURS ▶ 200 PART 2 SPECIAL PRECAUTION If there is evidence of body fluid contamination, submit the device for cleaning and decontamination before inspecting it. Wear appropriate Personnel Protection Equipment (PPE) during work. Wear grounded electrostatic wristband when handling PCB or electronic components. Refer to the safety procedure for additional precautions and guidance as per manufacturer guidelines. Make sure the test equipment used are duly calibrated. PART 3 TEST APPARATUS Tick (√) where appropriate ASSET NO -DESCRIPTION-SERIAL NO CALIBRATION DUE ON 00 ELECTRICAL SAFETY ANALYZER 0 PART 4 QUALITATIVE TASKS Tick ($\sqrt{}$) where appropriate PASS FAIL NA PASS FAIL NA 1 Chassis - verify physical integrity,) () 10 Printer - Verify Operation cleanliness and condition 2 Mount/ Fasteners - verify physical integrity (/) () 11 Rolling Pump tubing -Verify Physical Integrity 3 Cables - verify integrity) () 12 Solenoid Valve- Verify Operation 4 AC Plug / Power Cord- verify Proper) () 13 Vaccum and Pressure Pump -Verify Physical Insulation and integrity Integrity Strain Relief - verify physical integrity at 5) () a. Vaccum =0.0333mpa (actual) (/)() (both ends of line cord Displaying 0.0320mpa Fittings/ Connectors - check all) b. Vaccum =0.05mpa (actual)) ((/)(fittings/connectors Displaying 0.051mpa Controls/Switches - verify proper operation (14 Sample Probe - Verify Integrity (/) () (of controls Indicators /Displays - Verify Proper) (15 Controller Board - Verify Physical Integrity (/)(illumination and Operation (1)()(Plunger & Syringe Motor drive - Verify physical integrity and operation PART 5 PREVENTIVE MAINTENANCE TASKS NOT Tick (√) where appropriate DONE DONE NA DONE DONE (/)(1 Inspect / Clean exterior and interior of the) () 8 Run Auto Clean equipment (/)(2 Transducer Clean and Verify integrity) (9 SRV -Clean and Check Condition 3 PPM Kits - Replace if needed (/)() 10 Run daily Shutdown) (4 Power on Self Test (POST) -Verify) () () 11 Sample Aspiration Probe - Clean and Check Operation Condition 12 Pinch Valve and Lyse pump tubing - Clean and (/) (Fan Filter -Clean and replace if needed 1)() (Replace if Necessary (/)(Aperture Plates - Clean and Check 13 Waste Champer - Clean and Check Condition) ((/)(Diluent Syringe, Sample Syringe, Sample) (14 Close Sample holder - Clean and Check aspiration Probe- Clean and Check Condition For all Parts, NA is defined as NOT APPLICABLE ** If you have ticked 'NOT DONE', then justify in Part 8 Notes:

*** Choose Whichever Applicable



KEMENTERIAN KESIHATAN MALAYSIA

MEET Planned Preventive Maintenance Checklist Analyzers, Laboratory, Hematology, Cell Counting, Automated (Medium)

BE CODE: ME-009

CHECKLIST NO:CL-015-003 REV.000

	where appropriate								
lo	Description	Units / UOM	Set Values	Measured Values	Limit/Tolerance	PASS	FAIL	NA	
	1 Background Check								
	1.1 WBC		0-0		≤0.3	(. ')	()	(/)	
	1.2 RBC	x10 ⁶ /uL	e.ce	2	≤0.02	(()	(/)	
	1.3 HGB	g/dL	0-0		≤0.1	(,)	()	(/)	
	1.4 PLT	x10 ³ /uL	0		≤10	()	()		
	2 Pressure/Vacuum Check								
	2.1 Pressure 0.5kg/cm ²	kg/cm ²	0.50	0.50	0.4-0.6	(/)	()	()	
	2.2 Vacuum 250mmHg	mmHg	250	256	230-270	(/)	()	()	
			000	600					
	3 Run QC Test and attach printout								
	a High level					()	()	(/)	
	b Medium Level					()	()	(/)	
	c Low Level					()	()	(1)	
_	4 Pun Propinion Charle					,	E) Ar	25 45	
-	4 Run Precision Check					(/)	()	()	
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