

Report No. 24PTP\_01PM04240325

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# **Preventive Maintenance Action Report**

EQUIPMENT : VENTILATORS, INTENSIVE CARE

ID CODE : PTP00261

MANUFACTURER : PURITAN BENNETT

MODEL: 840

SERIAL No. : 3512123690

LOCATION : I.C.U

SUBMITTED BY : PHYATHAI PHAHOLYOTHIN HOSPITAL

670/1 Phaholyothin Road, Samsen Nai, Phaya Thai, Bangkok 10400

Tel: 02-271-7000 Fax: -

PM. DATE : 25 APRIL 2024

ISSUE DATE : 3 MAY 2024

Performed by:

KANITTHA SRIPRAPAD

\_\_\_\_ Approved by :

PHUWASIN YIWKIM

#### **CONDITION OF THIS RESULT OF TEST**

1. REFERENCE STANDARD INSTRUMENT:

MASTERMANUFACTURERMODELSERIAL NO.CERTIFICATE NO.DUE DATEElectrical SafetyFlukeESA615349403423MD7747 Jun 2024

Analyzer

#### 2. THIS CERTIFICATION IS TRACEABLE TO:

- Technology Promotion Association (Thai-Japan)

### 3. THIS RESULT OF TEST WAS FOUND ACCURATE AS SHOW ON DATE AND PLACE OF TEST ONLY



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#### 1. Qualitative Tests

No.	List	Pass	Fail	None	Comment
1	Chassis/Housing	/			
2	Mount/Fasteners	/			
3	Casters/Brakes	/			
4	AC Plug	/			
5	Line Cord	/			
6	Strain Reliefs	/			
7	Circuit Breaker/Fuse	/			
8	Tubes/Hoses	/			
9	Cables			/	
10	Fittings/Connectors	/			
11	Filters	/			
12	Controls/Switches	/			
13	Pressure-Relief Mechanism	/			
14	Fan	/			
15	Power Continuity	/			
16	Battery/Charger	/			
17	Indicators/Displays	/			
18	Self-Test	/			
19	Time/Date Settings	/			
20	Cybersecurity			/	
21	Alarms	/			
22	Audible Signals	/			
23	Operational Modes	/			
24	Labeling	/			
25	Accessories	/			
26	Compressor			/	
27	Gas Cylinders, Gauges, and Regulators (for			/	
	transport ventilators)				
28	Humidifiers	/			

#### 2. Quantitative Tests

No.	List	Pass	Fail	None	Comment
1	Grounding Resistance ≤0.5 Ω	/			0.273 Ω



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#### 2. Quantitative Tests (Continues)

No.	List	Pass	Fail	None	Comment
2	Chassis Leakage Current ≤500 µA	/			108.3 μΑ
3	Controls ±10% of control settings	/			
4	Monitored Parameters and Alarms displays, ±10%	/			
	simulated values; alarms, ±10% settings				

#### 3. Preventive Maintenance

No.	List	Pass	Fail	None	Comment
1	Clean the exterior and accessories	/			
2	Lubricate			/	
3	Adjust			/	
4	Replace			/	

Electrical Safety Test: Master used Electrical Safety Analyzer (Metron / QA-90) according to IEC.60601.1

FI-BME-NHS-CP-018/3 Rev.03 Page 3/3 Issued Date 20/07/2023