

Report No. 24PTP\_01PM04240232

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# **Preventive Maintenance Action Report**

EQUIPMENT : MONITORS, PHYSIOLOGIC, VITAL SIGNS

ID CODE : PTP01000

MANUFACTURER : PHILIPS

MODEL : SURESIGNS VSI

SERIAL No. : CN42717094

LOCATION : Heart Center

SUBMITTED BY : PHYATHAI PHAHOLYOTHIN HOSPITAL

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

Tel: 02-271-7000 Fax: -

PM. DATE : 22 APRIL 2024

ISSUE DATE : 3 MAY 2024

Performed by: \_\_\_\_\_ Approved by:

USANEE CHALONGPHOKSILCHAI

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/Bulbs	/			
9	Fittings/Connectors	/			
10	Transducers	/			
11	Controls/Switches	/			
12	Battery/Charger	/			
13	Time/Date Settings	/			
14	Cybersecurity			/	
15	User Calibration/Self-Test	/			
16	Alarms	/			
17	Labeling	/			
18	Accessories	/			

### 2. Quantitative Tests

No.	List	Pass	Fail	None	Comment
1	Grounding Resistance ≤0.5 Ω	/			0.281 Ω
2	Chassis Leakage Current ≤500 µA	/			69.4 μΑ
3	Air Leakage ≤15 mmHg/min	/			
4	Static Pressure Accuracy ±3 mmHg or	/			
	*Oscillometric Pressure ±8 mmHg				
5	Maximum Pressure (NIBP) ≤330 mmHg	/			
6	Heart Rate ±10%	/			

#### 3. Preventive Maintenance

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



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### 3. Preventive Maintenance (Continues)

No	. List	Pass	Fail	None	Comment
3	Adjust			/	
4	Replace			/	

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

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