

Report No. 24PTP_01PM04240345

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Preventive Maintenance Action Report

EQUIPMENT : VENTILATORS, ANESTHESIA

ID CODE : PTP00680(VEN)

MANUFACTURER : DATEX-OHMEDA

MODEL : S/5 Aespire

SERIAL No. : AMXJ01250

LOCATION : Anesthesia

SUBMITTED BY : PHYATHAI PHAHOLYOTHIN HOSPITAL

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

Tel: 02-271-7000 Fax: -

PM. DATE : 26 APRIL 2024

ISSUE DATE : 3 MAY 2024

Supatcha

Performed by : _____ Approved by : _____

SUPATCHA BUAPUEAN PHUWASIN YIWKIM

CONDITION OF THIS RESULT OF TEST

1. REFERENCE STANDARD INSTRUMENT:

MASTERMANUFACTURERMODELSERIAL NO.CERTIFICATE NO.DUE DATEElectrical SafetyFlukeESA615349403423MD7747 Jun 2024Analyzer

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) | | <u></u> | | |
| 28 | Humidifiers | | | / | |

2. Quantitative Tests

| No. | List | Pass | Fail | None | Comment |
|-----|-----------------------------|------|------|------|---------|
| 1 | Grounding Resistance ≤0.5 Ω | / | | | 0.324 Ω |



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2. Quantitative Tests (Continues)

| No. | List | Pass | Fail | None | Comment |
|-----|--|------|------|------|---------|
| 2 | Chassis Leakage Current ≤500 μA | / | | | 96.8 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-018/11 Rev.03 Page 3/3 Issued Date 20/07/2023