

Report No. 24PTP\_01PM04240011

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# **Preventive Maintenance Action Report**

EQUIPMENT : VENTILATORS, TRANSPORT

ID CODE : PTP02179

MANUFACTURER : CAREFUSION

MODEL : LTV 1200

SERIAL No. : E71849

LOCATION : Emergency & Ambulance

SUBMITTED BY : PHYATHAI PHAHOLYOTHIN HOSPITAL

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

Tel: 02-271-7000 Fax: -

PM. DATE : 16 APRIL 2024

ISSUE DATE : 1 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 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 |      |      | /    |         |
|     |                             |      |      |      |         |



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## 2. Quantitative Tests (Continues)

| No. | List   | Pass | Fail | None | Comment |
|-----|--|------|------|------|---------|
| 2   | Chassis Leakage Current ≤500 μA                | /    |      |      | 39.7 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

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