

**Republic of the Philippines**  
**Department of the Interior and Local Government**  
**NATIONAL POLICE COMMISSION**  
DILG NAPOLCOM Center  
EDSA cor. Quezon Avenue,  
West Triangle, Quezon City

RESOLUTION NO. 2017-247

**APPROVING THE PNP-UESB RESOLUTION NO. 2016-104 DATED SEPTEMBER 6, 2016  
THAT PRESCRIBES THE MINIMUM STANDARD SPECIFICATIONS FOR  
MECHANICAL VENTILATOR**

WHEREAS, Section 14, paragraphs (i) and (m) of Republic Act No. 6975 as amended by Section 5, paragraph (a), sub-paragraphs (5) and (8) of Republic Act. No. 8551, empowers the Commission to approve or modify plans and programs on education and training, logistical requirements, communications, records, information system, crime laboratory, crime prevention and crime reporting as well as prescribe minimum standards for arms, equipment and uniforms and, after consultation with the Philippine Heraldry Commission, for insignia of ranks, awards and medals of honor;

WHEREAS, pursuant to the aforecited legal prescription, the Philippine National Police (PNP) submitted and recommended to the Commission, for consideration and approval, through its Uniform and Equipment Standardization Board (UESB), Resolution No. 2016-104 dated September 6, 2016, the prepared Minimum Standard Specifications for Mechanical Ventilator;

WHEREAS, PNP UESB proposed minimum standard specifications refer to the description and parameter requirement of a machine that helps patients breathe by assisting the inhalation of oxygen into the lungs and the exhalation of carbon dioxide which can help support or completely control breathing depending on the patient's condition;

WHEREAS, the PNP Directorate for Research and Development (DRD) has certified that the minimum standard specifications for mechanical ventilator is not a tailored fit specifications to any manufacturer brand /product in the market;

WHEREAS, upon thorough review and evaluation, the Commission has determined that the Proposed Minimum Standard Specifications for Mechanical Ventilator are in order and conform with the requirements of Republic Act No. 6975, as amended by Republic Act No. 8551, its Implementing Rules and Regulations (IRR), logistics policies and issuances of the Commission, to meet the requirements of the PNP;


NOW, THEREFORE, the Commission in the exercise of its statutory powers to administer and control the PNP, HAS RESOLVED TO APPROVE, AS IT HEREBY APPROVES, the Minimum Standard Specifications for Mechanical Ventilator with slight modification to read as follows:

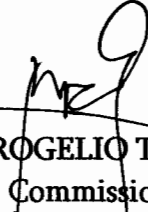
I. SPECIFICATIONS:


- A. Airway Pressure Measurements : Plateau Pressure (P<sub>plat</sub>)  
Positive End-Expiratory Pressure (PEEP)  
Peak Inspiratory Pressure (PIP)  
Mean Airway Pressure (P<sub>mean</sub>)
- B. Minute Volume Measurements : Total Minute Volume
- C. Oxygen Measurements : Inspiratory O<sub>2</sub> concentration FiO<sub>2</sub>
- D. Modes of Ventilation : Pressure Control (PC)  
Volume Control (VC)  
Pressure Support Ventilation (PSV)  
Synchronized Intermittent Mandatory Ventilation (SIMV)  
Spontaneous/Continuous Positive Airway Pressure (SPONT/CPAP)
- E. Airway Pressure (P<sub>aw</sub>) : High/Upper limit  
Low/Lower limit
- F. Tachypnoea/Tapnea Monitoring : FiO<sub>2</sub> High/Upper limit
- G. Volume Monitoring : High/Upper limit  
Low/Lower limit
- H. Air Gauge Pressure : Within the range 280 kPa to 600 kPa
- I. Ventilating Parameter
  - I.1. Tidal Volume (V<sub>T</sub>) : Within the range 2-3000 ml
  - I.2. Respiratory Rate (RR) : Within the range 0.5-150
  - I.3. Inspiration Time (T<sub>i</sub>) : Within the range 0.1-10
  - I.4. Fractional Inspiration of Oxygen (FiO<sub>2</sub>) : Within the range 21-100%
  - I.5. Positive End-Expiratory Pressure (PEEP) : Within the range 0-50%
  - I.6. Pressure Support : Within the range 0-95 cm H<sub>2</sub>O

II. Must pass the PNP Test and Evaluation.

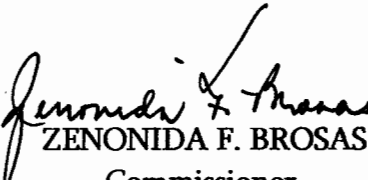
APPROVED this 10<sup>th</sup> day of APRIL 2017 in Quezon City, Metro Manila, Philippines.

  
**CATALINO S. CUY**  
Officer-in-Charge, DILG

  
ATTY. ROGELIO T. CASURAO  
Commissioner  
Vice-Chairman and Executive Officer


  
FELIZARDO M. SERAPIO, JR.  
Commissioner

  
JOB M. MANGENTE  
Commissioner

  
ZENONIDA F. BROSAS  
Commissioner

  
RONALD M. DELA ROSA  
Ex-Officio Commissioner

Attested by:

  
ELVIRA M. BAUTISTA  
Acting Chief Secretariat