

Republic of the Philippines
Department of the Interior and Local Government
NATIONAL POLICE COMMISSION
Quezon City

RESOLUTION NO. 2016-201

APPROVING THE MINIMUM STANDARDS IN
THE SPECIFICATIONS FOR HANDHELD RAMAN ANALYZER

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 of the Uniform and Equipment Standardization Board (UESB) Resolution No. 2015-028 dated October 05, 2015, on the proposed *Minimum Standards in the Specifications for Handheld Raman Analyzer*;

WHEREAS, the subject proposed UESB specifications refers to a specialized equipment that can identify liquid and solid substances to complement the bench top Fourier Transform Infrared (FTIR) Spectrometry for Police Investigations and Scene of the Crime Operations;

WHEREAS, the PNP UESB has certified the *Minimum Standard Specifications for Handheld Raman Analyzer* is not a tailored fit specification of any manufacturer brand of product available in the market;

WHEREAS, upon thorough review and evaluation, the Commission has determined the *Proposed Minimum Standard Specifications for Handheld Raman Analyzer* is in order, and conforms 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, and 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, AS IT HEREBY RESOLVES TO APPROVE, the *Minimum Standard Specification for Handheld Raman Analyzer* with slight modification, to read as follows:

SPECIFICATIONS:

- a) Weight : 1.9kg., max
- b) Mode of Operation : Handheld
- c) Graphical User Interface : Touch Screen
- d) Protection Rating : Must be protected from total dust ingress and from low pressure water jets from any direction.
- e) Power Requirements : Rechargeable Battery
- f) External Battery Supply : Based on Manufacturer's Brochure of Model /Product Brand specifications submitted.
- g) Excitation Source : Based on Manufacturer's Brochure of Model /Product Brand specifications submitted.
- h) Spectral Range : Within the range 176 cm^{-1} to 2900 cm^{-1}
- i) Spectral Resolution : Within the range of $7\text{-}11\text{ cm}^{-1}$
- j) Safety Features : Based on Manufacturer's Brochure of Model /Product Brand specifications submitted.
- k) Operating Temperature : Within the range of 20°C to 50°C
- l) Data Export : Based on Manufacturer's Brochure of Model /Product Brand specifications submitted.
- m) Detector : Based on Manufacturer's Brochure of Model /Product Brand specifications submitted.
- n) Memory Capacity : At least 2,000 scans
- o) Software Compliance : 21 CFR Part 11 Compliant
- p) Communication Interface /Data Transfer : Can be integrated to a PC or can be saved for future reference.
- q) Ability to Automatically Determine Mixtures : Can be able to automatically determine mixtures.
- r) Non-Contact Analysis : Increased user safety by scanning directly through plastics, bottles and other translucent packaging materials.
- s) Sampling Accessories for point-and-Shoot, Vial-Mode and Bottle Adaptor. : With sampling accessories for point-and-shoot, vial-mode and bottle adaptor.
- t) Spectral Libraries : Spectral Libraries should include explosives, toxic industrial chemicals (TICs), chemical warfare agents (CWAs), narcotics and common white powders.

II. MUST PASS PNP TEST AND EVALUATION

APPROVED this 17th day of MARCH 2016 in Quezon City, Metro Manila, Philippines.


MEL SENEN S. SARMIENTO
Chairman, NAPOLCOM



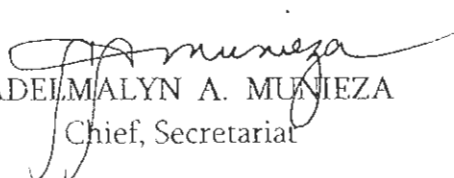

EDUARDO U. ESCUETA
Commissioner
Vice-Chairman & Executive Officer


ALEJANDRO S. URRO
Commissioner


CONSTANCIA P. DE GUZMAN, Ph.D., CSEE
Commissioner


RICARDO C. MARQUEZ
Ex-Officio Commissioner

Attested by:


ADEMALYN A. MUNIEZA
Chief, Secretariat