

RESOLUTION No. 2007-049

**PRESCRIBING THE STANDARD SPECIFICATIONS FOR
BARREL ASSEMBLY FOR M16 RIFLE CALIBER 5.56MM**

WHEREAS, Title III, Section 5, paragraphs (5) and (8), of the Republic Act 8551 direct that the Commission shall "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, in pursuance of the aforecited legal prescription, the PNP, through its Uniform and Equipment Standardization Board (UESB) Resolution No. 2006-07 dated 28 May 2006, has favorably submitted and indorsed the proposed standard specifications for Barrel Assembly for M16 Rifle Cal. 5.56MM for the consideration by the Commission;

WHEREAS, there is need to modify the proposed standard specifications by including the chromium nickel material to widen the field of choices for the M16 barrel assembly for suppliers or manufacturers to participate in the procurement thereof;

WHEREAS, after thorough review and evaluation, the Commission finds the standard specifications for the Barrel Assembly for M16 Rifle Cal. 5.56MM to be 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), all related logistics policies and issuances of the Commission, to meet the requirements of the PNP;

NOW THEREFORE, the Commission in the exercise of its statutory power to administer and control the PNP, **HAS RESOLVED TO PRESCRIBE AS IT HEREBY PRESCRIBES** the standard specifications for the Barrel Assembly for M16 Rifle Cal. 5.56MM with modifications to read as follows;

- I. Description:
Barrel assembly shall be used as a replacement for defective barrel of M16A1 rifles.
- II. Specification:
 - Materials :
 - A. Chromium Molybdenum Steel (AISI 4140)
Chemical Elements:

Carbon %	=	0.36 (min) - 0.44 (max)
Silicon %	=	0.10 (min) - 0.35 (max)
Manganese %	=	0.70 (min) - 1.00 (max)
Phosphorous %	=	up to 0.04 (max)
Sulphur %	=	up to 0.04 (max)
Chromium %	=	0.90 (min) - 1.20 (max)
Molybdenum %	=	0.25 (min) - 0.35 (max)

B. Chromium Nickel Steel

Chemical Elements:

Chromium	=	18.00% (min)
Nickel	=	9.0% (min)
Manganese	=	2.0% (min)
Silicon	=	1.0% (min)
Molybdenum	=	0.60% (min)
Phosphorous	=	0.20% (min)
Carbon	=	0.15% (min)
Iron	=	Balance


C. or better Steel

- Color/Furnish : Black, Chrome, Parkerized or better
- Hardness : Hrc 26 (minimum)
- Length : 20 inches (maximum)
- Rifling Twist : 1 is to 7
1 is to 9
1 is to 12
- Bore Diameter : 5.56mm
- Mounting : Adoptable to rifle Cal. 5.56mm
- Dimension : It shall not exceed the limits or tolerance stated in the drawing found on sheets 1 to 2.

III. Warranty - At least two (2) years

IV. Must pass the PNP functional and acceptance test.


APPROVED, this 22nd day of JANUARY 2007 at Makati City.



RONALDO W. PUNO
Chairman, NAPOLCOM


LINDA L. MALENAB-HORNILLA
Commissioner

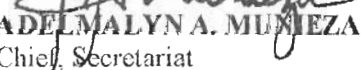
OIC, Vice Chairperson and Executive Officer


CELIA SANIDAD-LEONES
Commissioner


MIGUEL G. CORONEL
Commissioner


OSCAR C. CALDERON
Ex-Officio Commissioner

Attested by:


ADELMALYN A. MUNIEZA
Chief, Secretariat