



Republic of the Philippines
NATIONAL POLICE COMMISSION
NATIONAL HEADQUARTERS PHILIPPINE NATIONAL POLICE
OFFICE OF THE CHIEF, PNP
Camp BGen Rafael T Crame, Quezon City

PNP MEMORANDUM CIRCULAR

No. 2020-014

14 MAR 2020

**PRESCRIBING THE TECHNICAL SPECIFICATIONS FOR
125KVA SILENT DIESEL GENERATOR (TRAILER TYPE)**

1. REFERENCES:

- a. NAPOLCOM Resolution No. 2019-0047 entitled: "Prescribing the Minimum Standards for Split Type Air Conditioner" dated January 20, 2020;
- b. NAPOLCOM MC No. 2019-002 entitled: "Defining the Duty and Authority of the NAPOLCOM to Prescribe Minimum Standards for Uniforms, Arms, and Equipment to be Procured by the PNP" dated January 29, 2019; and
- c. PNP Memorandum Circular No. 2019-016 entitled "Implementing Guidelines of NAPOLCOM resolution No. 2019-002 Defining the Commission's Function to Prescribe Minimum Standards for Uniforms, Arms and Equipment for the Philippine National Police and Delineation of Authority to the Chief, Philippine National Police and to Set Technical Specifications of PNP Uniforms, Arms and Equipment" dated April 4, 2019.

2. RATIONALE:

This Memorandum Circular (MC) sets forth the technical specifications and subsequent formulation of test and evaluation parameters for the conduct of physical inspection (visual and dimensional), functional, and laboratory (as deem necessary and applicable) for 125kVA Silent Diesel Generator (Trailer Type).

3. PURPOSE:

- a. To establish the technical specifications for 125kVA Silent Diesel Generator (Trailer Type); and
- b. To ensure that the technical specifications are in conformity with the approved NAPOLCOM Minimum Standards for 125kVA Silent Diesel Generator (Trailer Type).

4. MINIMUM TECHNICAL SPECIFICATIONS:

125kVA Silent Diesel Generator (Trailer Type) is a diesel generator set equipped with alternator/generator prime-mover engine and other incidental components of a generator set to produce power purposely to supply required loads.

It is mounted on a trailer or truck with four wheels and must be silent, durable, efficient and with optimum performance;

The following are the technical specifications for 125kVA Silent Diesel Generator (Trailer Type):

Particulars	Technical Specifications
A. Engine	
a. Type or Configuration	Turbocharged
b. No. of Cylinder	4
c. Speed	1800rpm
d. Fuel	Diesel
e. Minimum Fuel Tank Capacity	600 liters
f. Power Factor	0.8
g. Excitation Method	Self-excited with AVR
h. Design	Brushless
i. Leads/Wirings	12 leads
j. Trailer	Four Wheels; Heavy Duty; Mechanical Parking; Drop Jack
B. Alternator	
a. Standby Power	125kVA
b. Prime Power	100kVA
c. Frequency	Philippine Standard
d. Rated Voltage	Philippine Standard
e. No. of Phase	3 Phase 4 wire
f. Maximum Fuel Consumption @ Full load	28 L/hr (maximum)
g. Enclosure/Protection	IP 23
h. Maximum Sound Level Allowance	75 dBa at 7 meters

5. REPEALING CLAUSE:

All other technical specifications contrary to or inconsistent with the provisions of these technical requirements are hereby rescinded, modified or amended.

CERTIFIED TRUE COPY

6. EFFECTIVITY:

This MC shall be effective after 15 days from filing a copy thereof at the UP Law Center, in consonance with Section 3, Chapter 2, Book VII of Executive Order 292 otherwise known as the "Revised Administrative Code of 1987," as amended.



gambon
ARCHIE FRANCISCO F GAMBOA
Police General
Chief, PNP



Distribution:

NAPOLCOM
Command Group
D-Staff
P-Staff
D, NSUs
IG, IAS
RD, PROs
DDs, NCRPO

Copy Furnished:

TDCA
TDCO
TACDS

CERTIFIED TRUE COPY

A
DARWIN D VALDENAS
POLICE MAJORITY COMMANDER
Chief, Administrative Section