



DEPARTMENT CIRCULAR NO. DC 2024-05-0012

**IMPLEMENTING THE SPECIFICATIONS FOR PNS/DOE QS 019:2023
E-GASOLINE FUEL (E20)**

WHEREAS, Section 5 of Republic Act (RA) No. 7638, otherwise known as the "Department of Energy Act of 1992," as amended by Section 37 of RA 9136, otherwise known as the "Electric Power Industry Reform Act of 2001," empowers the Department of Energy (DOE) to formulate, plan, and implement comprehensive programs for the efficient supply and economical use of energy consistent with the approved national economic plan, policies on environmental protection and conservation and maintenance of ecological balance, and provide a mechanism for the integration, rationalization, and coordination of the various energy programs of the Government;

WHEREAS, Section 5 of RA 7638, as amended by Section 37 of RA 9136, further empowers the DOE to formulate and implement a program for the accelerated development of non-conventional energy systems and the promotion and commercialization of their applications;

WHEREAS, Section 26 of RA 8749, otherwise known as the "Philippine Clean Air Act of 1999," directs the DOE, together with the Department of Environment and Natural Resources (DENR), and in consultation with the Bureau of Product Standards (BPS), the Department of Science and Technology (DOST) and other stakeholders, to set the specifications for all types of fuel and fuel-related products, and prescribing penalties for violations thereof;

WHEREAS, Batas Pambansa (BP) Blg. 33, as amended by Presidential Decree (PD) No. 1865, titled "An Act Defining and Penalizing Certain Prohibited Acts Inimical to the Public Interests and National Security Involving Petroleum and/or Petroleum Products, Prescribing Penalties Therefor and For Other Purposes," prescribes penalties for the adulteration of petroleum products;

WHEREAS, there is a global thrust towards harmonization of fuel quality standard specifications and vehicle technology and emission standards, with due regard to the environment, vehicle performance, health and safety and for easier global/international trade;

WHEREAS, on 31 October 2023, the BPS promulgated the PNS/DOE QS 019:2023 as the current standard specifications for gasoline containing twenty percent (20%) bioethanol blend (E20);

NOW, THEREFORE, in consideration of the foregoing, the DOE hereby requires all Downstream Oil Industry (DOI) participants engaged in the sale of E20, whether in bulk or in retail, to comply with the following:

Section 1. Product Quality Standard Implementation.

All E20 sold in the country shall comply with PNS/DOE QS 019:2023 E-gasoline Fuel (E20) - Specifications.

Section 2. Product Quality Monitoring.

The DOE shall conduct random quality sampling and testing of E20 obtained from the downstream oil facilities to ensure compliance with Section 1 of this Department Circular (DC).

Section 3. Information Campaign.

- 3.1. DOI participants providing E20 product to consumers must ensure that the dispensing pumps conspicuously display "E20-Compatible Vehicle Advisory" to properly guide customers opting to use E20 for their vehicles. DOI participants shall give proper precautions, point out to, and inform the vehicle owner of the advisory before proceeding with dispensing the E20 gasoline. See attached ANNEX A for the design specification of the "E20-Compatible Vehicle Advisory" sticker.
- 3.2. DOI participants are likewise enjoined to conduct information, education, and communication campaign to their customers, including with respect to the new product brand name and its corresponding octane rating. See attached ANNEX B for the design specification for the octane rating sticker.
- 3.3. A suggested layout design for posting the "E20-Compatible Vehicle Advisory" and octane rating stickers at the dispensing pump is provided in ANNEX C.

Section 4. Prohibited Acts and Imposition of Penalties.

The following acts shall be subject to the fines and penalties set out in the applicable law or regulation:

- 4.1. Prohibited acts punishable under Section 2(b) of BP 33, as amended by PD 1865;
- 4.2. Prohibited acts punishable under Chapter VIII of the Joint Administrative Order No. 2008-1, Series of 2008, known as the "Guidelines Governing the Biofuel Feedstocks Production, and Biofuels and Biofuel Blends Production, Distribution and Sale under Republic Act No. 9367"; and
- 4.3. Prohibited acts punishable under Part XIII, Rule LVI of the DENR Administrative Order No. 81, Series of 2000, known as the "Implementing Rules and Regulations for RA 8749".

Section 5. Separability Clause.

Should any provision of this DC be subsequently declared invalid or unconstitutional, such parts that are not affected shall remain in full force and effect.

Section 6. Repealing Clause.

All other rules and regulations or parts thereof which are inconsistent with this DC are hereby repealed or modified accordingly.

Section 7. Effectivity.

This DC shall take effect fifteen (15) days after its publication in at least two (2) newspapers of general circulation. A copy of this DC shall be filed with the University of the Philippines Law Center-Office of the National Administrative Register (UPLC-ONAR).

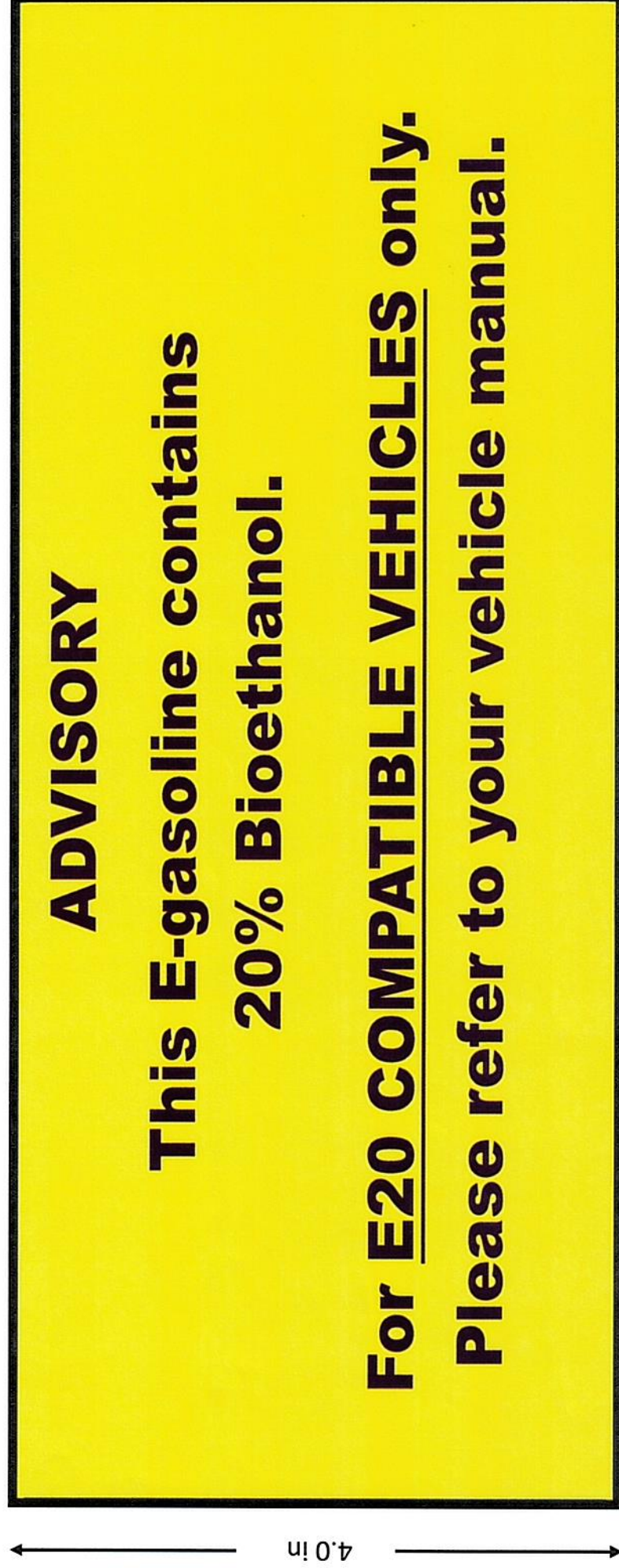
Issued on MAY 07 2024 at the DOE, Energy Center, Rizal Drive cor. 34th Street, Bonifacio Global City, Taguig City, Metro Manila.


RAPHAEL P.M. LOTILLA
Secretary



ANNEX A

10 in



- Prints are violet (hex color code #7F00FF) while borders are black with pantone yellow (hex color code #FFD700) as background
- Font type is Arial Black with size 30.

LABEL PROTECTION:

All labels must be resistant to gasoline, alcohol, oil grease, solvent, detergents, and water and must be capable of withstanding extreme weather conditions so that all entries in the sticker are clearly readable at all times.

ANNEX B

OCTANE POSTING AT THE PUMP



- Letters – *Arial font 18*
- Numbers – *Arial Black font 96*
- All text and numbers centered
- All prints and borders are black
- The premium gasoline grade background is violet (hex color code #7F00FF)
- 012C Pantone yellow (hex color code #FFD700) as overall background

LABEL PROTECTION:

All labels must be resistant to gasoline oil, alcohol, grease, solvents, detergents, water, etc. and must be capable of withstanding extreme weather conditions so that all entries in the sticker are clearly readable at all times.

ANNEX C

SUGGESTED LAYOUT DESIGN FOR STICKER POSTING AT THE DISPENSING PUMP

