

**INVITATION TO COMMENT ON THE DRAFT CIRCULAR "PROVIDING FOR THE CORRESPONDING SPECIFICATION FOR PHILIPPINE NATIONAL STANDARDS (PNS) FOR PETROLEUM AND PETROLEUM-BASED FUELS FOR THE IMPLEMENTATION OF THE BIOETHANOL BLEND MANDATE"**

Notice is hereby given to all parties to comment on the draft Department Circular to implement the corresponding PNS for E-Gasoline (E10) and ULG exempt grades from the minimum of ten percent (10%) blend of bioethanol, for effective implementation of the provisions of DC 2011-02-001 ("Mandatory Use of Biofuel Blend")

All comments and suggestion must be received on or before October 13, 2011. Any proposed changes to the draft must be supported with technical explanation/justification and e-mailed to [products@doe.gov.ph](mailto:products@doe.gov.ph).



DEPARTMENT CIRCULAR NO. \_\_\_\_\_

**PROVIDING FOR THE CORRESPONDING SPECIFICATION FOR PHILIPPINE NATIONAL  
STANDARD (PNS) FOR PETROLEUM AND PETROLEUM-BASED FUELS FOR THE  
IMPLEMENTATION OF BIOETHANOL BLEND MANDATE**

**WHEREAS**, Republic Act (R. A.) No. 7638, otherwise known as “An Act Creating the Department of Energy (DOE)”, tasks the DOE to formulate rules and regulations to guide the operations of both government and private entities involved in energy resource supply and distribution;

**WHEREAS**, Section 26 of R. A. No. 8749 otherwise known as the “Philippine Clean Air Act of 1999”, provides that the DOE together with the Department of Environment and Natural Resources (DENR), Bureau of Product Standards (BPS) and Department of Science and Technology (DOST) and other stakeholders shall set specifications for all types of fuel and fuel-related products and improve fuel composition. For this purpose, the Technical Committee on Petroleum Products and Additives (TCPPA) was established to develop the standards, which was submitted to the BPS for promulgation into a Philippine National Standard (PNS);

**WHEREAS**, Department Circular No. 2011-02-001 (“Mandatory Use of Biofuel Blend”), which was issued in support to the provisions of RA 9367 or the “Biofuels Act of 2006”, mandates the full implementation of the minimum ten percent (10%) blend of bioethanol in all gasoline sold by each and every oil company commencing August 6, 2011, with exemption on the following gasoline grades over a 6-month transition period, to wit:

- Regular Gasoline with minimum research octane number (RON) of 81 but for use only by off-road engines like farm machineries, threshers, irrigation pumps, power tillers and small motorized bancas;
- Regular Gasoline with minimum RON of 87 but for use only by motorcycles; and
- Premium Plus Gasoline with minimum RON of 97.

**WHEREAS**, existing PNS define the quality specifications for E10 and conventional gasolines, to wit:

- PNS/DOE QS 008:2009 - Specification for E-Gasoline Fuel
- PNS/DOE QS 001:2009 - Specification for Unleaded Motor Gasoline

**NOW, THEREFORE**, to effectively implement the provisions of DC2011-02-001, the following guidelines on the fuel quality and sale are hereby adopted:

**1. Bioethanol Blend Fuel (E10)**

- a. *E-Gasoline (E10)* meeting the *RON 93 and 95 minimum* shall comply with the PNS/DOE QS 008:2009. The color scheme previously adopted for ULG for the corresponding gasoline grades shall be allowed e.g. Green/Red for Premium Grade and Blue for Premium Plus Grade.

Accordingly, the violet color of Fuel Bioethanol under PNS/DOE QS 007:2005 shall not be mandatory.

## 2. Conventional ULG Exempt Grades

- a. *Regular gasoline with RON 81 minimum* shall comply with the Regular grade specification of PNS/DOE QS 001:2009, and shall be allowed for sale only for off-road engines like farm machinery, threshers, irrigation pumps, power tillers and small banca;
- b. *Regular gasoline with RON 87 minimum* shall also meet the Regular Grade specification of PNS/DOE QS 001:2009 except for the following properties which must have the corresponding specifications:

<i>Property</i>	<i>Limit</i>
RON, min	87
RVP, kPa(psi), max	62(9)
Color	Violet

This fuel grade shall be allowed to be sold and dispensed only for motorcycles.

- c. *Premium Plus gasoline with RON 97 minimum* shall meet the Premium Plus grade specification of PNS/DOE QS 001:2009 except for RON property which must be 97 minimum.

## 3. Penalties/Sanctions

Any Oil Company that dispenses fuel not corresponding to E10/ULG grade shall be in violation of this Circular and the DC No. 2011-02-001 and other relevant regulations and shall be penalized under applicable laws, rules and regulations. As such, proper compliance with the RON, and E-Gasoline sticker requirement as provided for in DC No. 2001-09-003 and DC No. 2006-11-0012 respectively shall be observed.

This Department Circular shall take effect upon publication in any newspaper of general circulation.

Fort Bonifacio, Taguig City, Metro Manila, \_\_\_\_\_ 2011.

JOSE RENE D. ALMENDRAS  
Secretary

**Information Technology and Management Services**  
**Office of the Director**

From : H. A. ARIOLA

Date : 10/9

To : \_\_\_\_\_

\_\_\_\_ Pls. draft reply letter /  
memo on or before \_\_\_\_\_  
\_\_\_\_ Pls. review / make  
comments / recommendations  
on or before \_\_\_\_\_

\_\_\_\_ Pls. submit status report  
on or before \_\_\_\_\_

\_\_\_\_ For posting at the DOE  
Web Site / Intranet

\_\_\_\_ Pls. route to 3 Divisions

\_\_\_\_ Appropriate action, pls.  
\_\_\_\_ For handling, pls.  
\_\_\_\_ Let's discuss, pls.  
\_\_\_\_ Initiate, pls.  
\_\_\_\_ Call me ASAP, Pls.  
\_\_\_\_ Pls. reply directly,  
thru /cc HAA  
\_\_\_\_ Pls. file  
\_\_\_\_ Pls. CSW with \_\_\_\_\_  
\_\_\_\_ Pls. Attend

170

Note : Please advise Maricel on action taken. Thanks.