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REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION OFFICE

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GENERAL SERVICES SECTION

MEMORANDUM CIRCULAR NO. 2017-2098

TO : All Regional Directors, Assistant Regional Directors,
District/Extension Office Heads, MVIS Chiefs and
All Concerned

SUBJECT: **ADDENDUM TO MEMORANDUM CIRCULAR NO. 2017-2078
DATED 21 JUNE 2017 RE: IMPLEMENTATION OF VEHICLE
EMISSION LIMITS FOR EURO 4/IV, AND IN-USE VEHICLE
STANDARD**

DATE : 14 August 2017

In reference to Memorandum Circular No. 2017-2078 dated 21 June 2017 entitled, "Implementation of Vehicle Emission Limits for Euro 4/IV, and In-use Vehicle Standard," the **Euro 3** emission limits/standard for new motorcycles, tricycles and mopeds with Euro 3 engines shall be implemented starting 02 January 2018.

For strict compliance.

Edgar C. Galvante
EDGAR C. GALVANTE
Assistant Secretary



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MEMORANDUM CIRCULAR NO. 2017-2078
21 June 2017

TO : All Regional Directors, Assistant Regional Directors,
District Office Heads, MVIS Chiefs and All Concerned
This Office

SUBJECT : IMPLEMENTATION OF VEHICLE EMISSION LIMITS FOR
EURO 4/IV, AND IN-USE VEHICLE STANDARDS

Geared towards the attainment and proper implementation of Article 4 Section 21 of R.A. No. 8749, otherwise known as the "Philippine Clean Air Act of 1999", the Euro 4/IV emission standards shall be implemented starting 02 January 2018 for new vehicles introduced in the Philippines. Euro II compliant vehicles issued their respective Certificate of Stock Report (CSR) until 31 December 2017 but not yet sold in the market shall still be accepted for initial registration.

Attached are DENR Administrative Order No. 2016-23 dated 28 June 2016, "Adoption of Euro 4/IV Emission Limits/Standards" and No. 2015-04 dated 24 March 2015, "Implementation of Vehicle Emission Limits for Euro 4/IV, and In-Use Vehicle Emission Standards" for reference.

For strict compliance.

[Signature]
EDGAR C. GALVANTE
Assistant Secretary



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Republic of the Philippines
 DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
 Visayas Avenue, Diliman, Quezon City
 Tels No. 929-6626 to 29; 929-6633 to 35
 Website: <https://www.denr.gov.ph/> E-mail: web@denr.gov.ph

DENR ADMINISTRATIVE ORDER
 No. 2016 - 25

JUN 28 2016

SUBJECT : Adoption of Euro 4/IV Emission Limits / Standards

Pursuant to DAO 2015-04 also known as "Implementation of Vehicle Emission Limits for Euro 4/IV, and In-Use Vehicle Emission Standards", effective January 1, 2016, all new vehicles equipped with Euro 4 engine prior to issuance of Certificate of Conformity shall comply with the annexed United Nation Regulations (UNR)83-05B and UNR 49-04.

Scope:

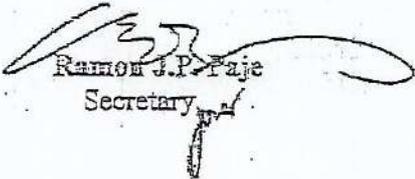
All manufacturers, importers, dealers, shall strictly observe with the requirements.

Repealing Clause:

All orders, circulars, and instructions inconsistent herewith are hereby repealed or amended accordingly.

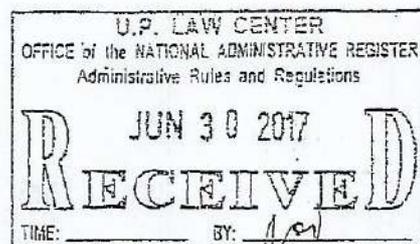
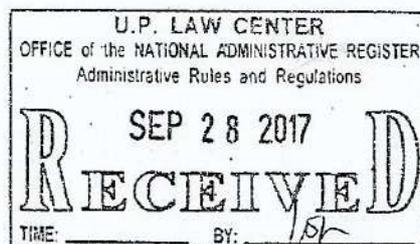
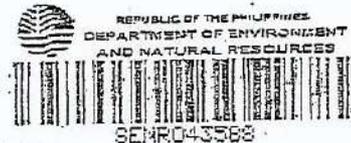
Effectivity date:

This order shall take effect immediately fifteen (15) days after its publication in a newspaper of general circulation or submission to the office of the National Administration Registry (ONAR).


 Ramon J. Paje
 Secretary

PUBLICATION : THE PHILIPPINE STAR
 JULY 5, 2016

ACKNOWLEDGEMENT : UP LAW CENTER
 JULY 13, 2016





MAR 24 2015

DENR ADMINISTRATIVE ORDER

No. 2015- 04

Subject: Implementation of Vehicle Emission Limits for Euro 4/IV, and In-Use Vehicle Emission Standards

Pursuant to Article 4 Section 21 of Republic Act 8749, otherwise known as the "Philippine Clean Air Act of 1999" and in order to address the worsening air pollution in the country, the following types of vehicles loaded with EURO 4 fuel shall comply with the following corresponding emission limits/standards effective July 1, 2015:

TYPE OF VEHICLES	EMISSION LIMITS/STANDARDS								
	Category/Classes of Vehicle		Reference Mass RW (kg)	CO (g/km)		HC + NOx (g/km)		Particulate (PM) ₁₀ (g/km)	
	Category	Class		Petrol	Diesel	Petrol	Diesel	Petrol	Diesel
a.1) New passenger vehicles, M and light duty, N1 with Euro 2 / Euro 3 engines	M (1)	-	all	2.0	0.9	0.3	0.6	-	0.05
	N1 (2)	I	RW ≤ 1,250	2.0	0.9	0.3	0.6	-	0.05
		II	1,250 < RW ≤ 1,700	3.0	1.2	0.4	0.8	-	0.10
		III	1,700 < RW	4.0	1.4	0.5	1.0	-	0.15
a.2) New passenger vehicles, M and light duty, N1 with Euro 4 engines	Euro 4								
b.1) New heavy duty vehicles with Euro II / Euro III engines	CO (g/kWh)		HC (g/kWh)		NOx (g/kWh)		Particulate (g/kWh)		
	2.45		0.73		6.9		0.14		
b.2) New heavy duty vehicles with Euro IV engines	Euro IV								
c.1) New motorcycles, tricycles and mopeds with Euro 2 engines	Class (cc)		CO (g/km)	HC (g/km)		NOx (g/km)			
	<150 cc, (L3)		4.5 (5.0)	0.80 (1.1)		0.20 (.29)			
	≥150 cc, (L3)		4.5 (5.0)	0.70 (.9)		0.20 (.29)			
	All (L4)		6.5	1.0		.39			
c.2) New motorcycles, tricycles and mopeds with Euro 3 engines	Euro 3								

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	CO (% by vol.) At idling	HC (ppm) At idling	Light Absorption Coefficient, m ⁻¹ At free acceleration
d) In-use, rebuilt and imported used passenger cars light duty and heavy duty vehicles	- 0.25 [registered for the first time on or after July 1, 2017] - 0.5 [registered for the first time after December 31, 2007] - 3.5 [registered for the first time on or before December 31, 2007]	- 100 [registered for the first time on or after July 1, 2017] - 250 [registered for the first time after December 31, 2007] - 600 [registered for the first time on or before December 31, 2007]	- 1.0 [registered for the first time on or after July 1, 2017] - 2.0 [registered for the first time after December 31, 2015] - 2.5 [registered for the first time on or before December 31, 2015]
f) In-use motorcycles, tricycles and mopeds	- 2.5 [registered for the first time on or after July 1, 2017] - 3.5 [registered for the first time on or after January 1, 2012] - 4.5 [registered for the first time before January 1, 2012]	- 1,000 [registered for the first time on or after July 1, 2017]	20% smoke opacity
		- 4,500 [registered for the first time on or after January 1, 2012]	30% smoke opacity
		- 6,000 [registered for the first time before January 1, 2012]	30% smoke opacity

All new vehicles to be used or introduced into the Philippine market by January 2016 shall be equipped with Euro 4/IV engine and compliant with Euro 4/IV limits/emission standards. By then, the EMB shall issue Certificates of Conformity (COC) for such vehicles only.

Further, pursuant to the authority provided to the Department under Section 34 of RA 8749, the Department of Energy is hereby enjoined to ensure the availability of Euro IV fuels to comply with the above prescribed emission standards by July 1, 2015.

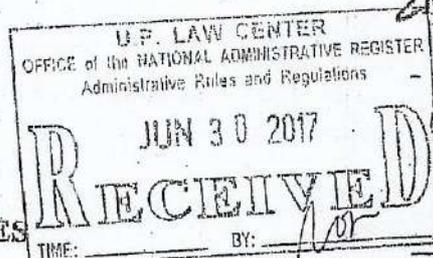
The comparative quality of Euro IV fuel and Euro II fuel is provided as follows:

Fuel type	Euro IV fuel	Euro II fuel
1. Diesel - Sulfur	50 ppm	500 ppm
2. Gasoline - Sulfur - Benzene (% by volume, max.) - Aromatics (% by volume, max.)	50 ppm 1 35	500ppm 5 No limit

All Orders, Circulars and Instructions inconsistent herewith are hereby repealed or amended accordingly.

Recommending Approval:

ATTY. JONAS R. LEONES
DENR Undersecretary and
Concurrent EMB Director



RAMON J.F. PAJE
Secretary

REPUBLIC OF THE PHILIPPINES
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