Tackling Air Pollution through Legislation









National experiences in participatory governance: the case of Philippines

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Engr. Jundy T. Del Socorro
Chief Air Quality Management Section









RA 8749-PHILIPPINE CLEAN AIR ACT OF 199

Section 3. Declaration of Policies

d) Promote public information and education to encourage the *participation of an informed and active public in air quality planning and monitoring*;

Section 4. Recognition of Rights

d) The right to *participate in the decision-making process* concerning development policies, plans and programs projects or activities that may have adverse impact on the environment and public health.

Section 7. Integrated Air Quality Improvement Framework. – The Department shall establish, with the *participation of LGUs, NGOs, POs, the academe and other concerned entities from the private sector*, formulate and implement the Integrated Air Quality Improvement Framework for a comprehensive air pollution management and control program.

Section 8. Air Quality Control Action Plan. - The Department shall, with public participation, formulate and implement an air quality control action plan consistent with Section 7 of this Act

Pursuant to DAO 2013-13, otherwise known as the Provisional National Ambient Ai quality Guideline Values for Particulate Matter 2.5 (PM_{2.5}), the following AQI breakpoints shall describe the six (6) levels of air quality for PM_{2.5} defined as particles 2.5 and less ir micrometers in diameter and their cautionary statements for the general public:

ESTABLISHING THE BREAKPOINTS FOR PARTICULATE MATTER 2.5 (PM2.5) AIR QUALITY INDEX (AQI) AND AMENDING SECTION S(a) OF DAO 2013-13 "ESTABLISHING THE PROVISIONAL NATIONAL AMBIENT AIR QUALITY GUIDELINE VALUES FOR PARTICULATE MATTER 2.5



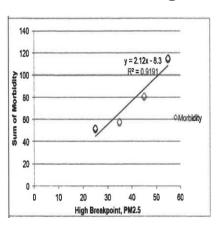


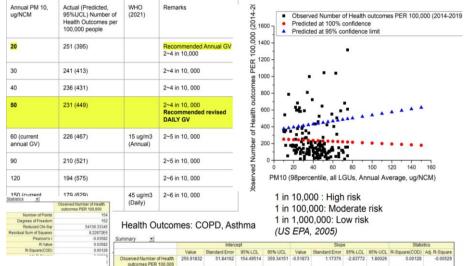




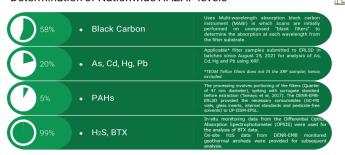
Public Consultation in Formulation of Clean Air Policies

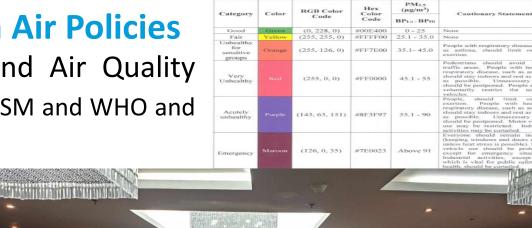
1. Review of PM2.5, PM 10 Guideline Values and Air Quality Index - Policy was formulated in partnership with UP IESM and WHO and undergone consultation with IACEH





Determination of Nationwide HAZAP levels





DENR Administrative Order













2. DAO 2016 – 23: Adoption of Euro IV / 4 Vehicle Standards

Consultation with the transport sector (MDPPA, CAMPI, TMA) and NGAs was conducted

DENR ADMINISTRATIVE ORDER

JUN 2 8 2016

No. 2016 - 23

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.

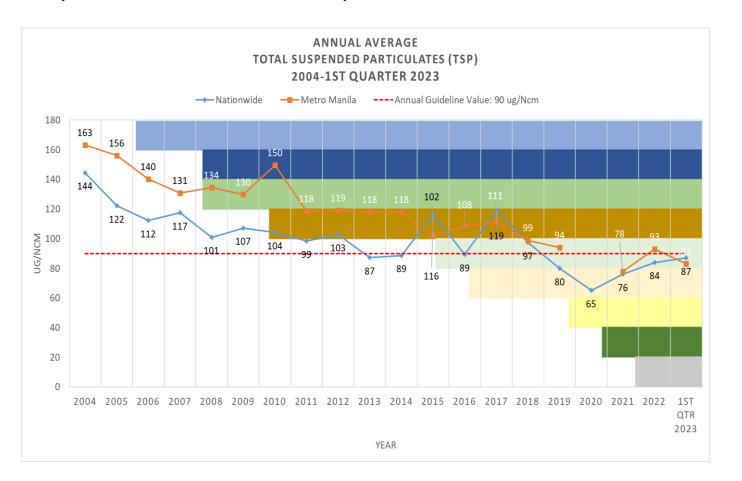
Effectivity date:

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.P. Taje Secretary

PUBLICATION: THE PHILIPPINE STAR JULY 5, 2016 ACKNOWLEDGEMENT: UP LAW CENTER JULY 13, 2016





Implemented Clean Air Policies

3. MC 2020 – 17: OPMS for PTO v2

BETTER AIR QUALITY
C O N F E R E N C E







The launch of the new system was held virtually and via Facebook live



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EMB MEMORANDUM CIRCULAR No. 2020 - 17

SUBJECT: GUIDELINES ON THE ISSUANCE OF PERMIT TO OPERATE (PTO) FOR AIR POLLUTION SOURCE INSTALLATION OR EQUIPMENT (APSI/APSE) THROUGH THE ONLINE PERMITTING AND MONITORING SYSTEM (OPMS)

DATE : May 11, 2020

Pursuant to Republic Act No. 11032 otherwise known as the "Ease of Doing Business and Efficient Government Service Delivery Act of 2018" and its Implementing Rules and Regulations (IRR), which mandates government agencies to adopt a zero-contact policy; and Republic Act No. 8749, otherwise known as "The Philippine Clean Air Act of 1999" and its IRR, the acceptance of applications for and issuance of Permit to Operate (PTO) for Air Pollution Source Installation or Equipment (APSI/APSE), as provided under Department Administrative Order (DAO) No. 2000-81 and DAO No. 2004-25 through the Online Permitting and Monitoring System (OPMS) is hereby adopted, subject to the following muidelines:

SECTION 1. OBJECTIVES

The issuance of this Memorandum Circular (MC) aims to:

- (a) Provide time and cost-efficient procedure for the processing of application through the use of OPMS, reducing red tape and expediting transactions in every EMB Regional Office (EMB-RO);
- (b) Harmonize the process flow in the application for PTO in every EMB-RO using a secured central server to be managed by the DENR-EMB Central Office, through its Statistics and Information System Management Section (SISMS) and the Regional Planning and Information System Unit (PISMU) of the EMB-RO: and
- (c) Strictly implement the Zero-Contact Policy under Rule V of Republic Act No. 11032 and its IRR.

SECTION 2. OPERATIONAL MECHANISM

The EMB-RO shall be responsible for the following;

- (a) Evaluation of the application upon receipt of the complete required documents and permit fees;
- (b) Immediate notification of the applicant, through the OPMS, for any deficiencies



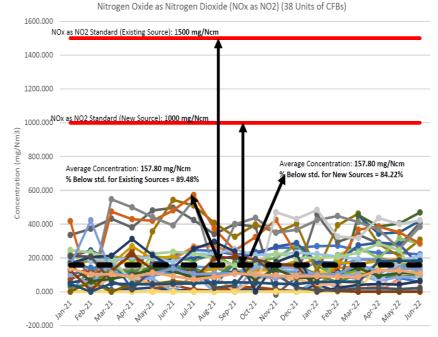




Implemented Clean Air Policies

4. MC 2021 – 14: EMB
CEMS/COMS DAHS and Data
Center

The launch of the new system was held virtually and live



EMB MEMORANDUM CIRCULAR

No. 2021 - 14

SUBJECT: ESTABLISHMENT OF AN INTEGRATED AIR QUALITY
NETWORK CENTER THAT MONITORS AND SERVES AS
REPOSITORY OF REAL-TIME INDUSTRIAL EMISSION
FROM FIRMS REQUIRED TO INSTALL CONTINUOUS
EMISSIONS MONITORING SYSTEMS
(CEMS)/CONTINUOUS OPACITY MONITORING SYSTEMS
(COMS) THROUGH THE USE OF A UNIFORM DATA
ACQUISITION AND HANDLING SYSTEM (DAHS), AND IN

SECTION 1. RATIONALE

Section 38 of the Philippine Clean Air Act of 1999 (RA 8749), the Department through the Bureau shall require any person who owns or operates any emission source to (a) establish and maintain relevant records; (b) make relevant reports; (c) install, use and maintain monitoring equipment or methods.

RELATION TO CLARIFY PERTINENT PROVISIONS OF DEPARTMENT ADMINISTRATIVE ORDER NO. 2017-14

Continuous Emissions Monitoring Systems/Continuous Opacity Monitoring Systems (CEMS/COMS) are globally recognized technology used to measure emissions/opacity in stacks of industrial sources.

Under Department Administrative Order No. 2000-81, in relation to Department Administrative Order No. 2007-22 "Guidelines on the Requirements for Continuous Emission Monitoring Systems (CEMS) and Other Acceptable Protocols, thereby Modifying and Clarifying certain Provisions of Section 5, Rule X of DAO 2000 - 81 and Other Related Provisions", major industries are required to install CEMS/COMS to monitor their industrial emission.

Furthermore, Department Administrative Order No. 2017-14 was enacted to require major industries to transmit their CEMS/COMS data to the EMB's data server and act as a repository of all industrial emissions data.

Pursuant to the said provisions and to further effectively and efficiently provide a seamless transmission and monitoring of industrial emissions data from the major industries stated above, the EMB hereby promulgates this Circular for the establishment of an integrated air quality monitoring network that serves to upgrade the existing EMB data server.

SECTION 2. OBJECTIVES

To effectively and efficiently transmit emissions data from the CEMS/COMS of industrial sources to the EMB DAHS server for the purpose of monitoring its compliance with the emission standards set forth under the Philippine Clean Air Act.



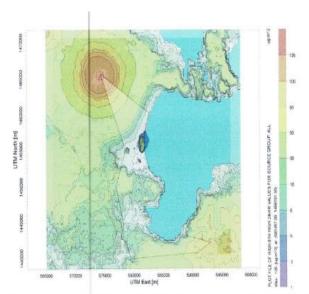


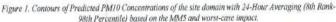


Way Forward Policies

1. EMB GUIDELINES IN ENDORSEMENT OF EXISTING AIRSHED AS ATTAINMENT AREA REQUIRES PUBLIC CONSULTATION

Proposed Non Attainment Area has undergone Public consultation in identifying sources or air pollution and hotspot areas









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MEMORANDUM

O : ALL EMB REGIONAL DIRECTORS

FROM : THE OIC - DIRECTOR

SUBJECT : INSTRUCTION TO DESIGNATE ATTAINMENT AND NON-

ATTAINMENT AREAS PURSUANT TO DEPARTMENT

MEMORANDUM CIRCULAR 2005 - 013

DATE : 03 DECEMBER 2020

This has reference to the Designation of Attainment and Non-Attainment Airshed Areas related the COVID 19 Pandemic Situation and Submit Contingency Action Plan.

Pursuant to Rule XV of DAO 2000 - 81, an airshed shall be comprised of a Governing Board (Section 4), Executive Committee (Section 7), Technical Working Group (Section 8), and a Technical-Administrative Secretariat (Section 9).

Please be guided with the recommended Process Flow of Airshed Designation pursuant to Department Memorandum Circular 2005-013 "Guidelines for the Designation of Attatoment and Non-Attatoment Areas in the Airshed".

- Step 1: The Airshed Technical Secretarist Technical Working Group (TS-TWG) and Technical-Administrative Secretarist (TAS) shall initiate the conduct of predesignation activities (emission inventory, air dispersion modelling, collection of ambient air quality data, etc.).
- Step 2: A public consultation with the concerned Local Government Unit (LGU) on the results of pre-designation activities shall be made. (Applicable to Notified Category 3 Airshed which has accomplished all Pre-designation Activities per Airshed Checklist)
- Step 3: Submission of the proposed designation with supporting documents (e.g. results of pre-designation activities) to the EMB Central Office for review and for recommendation to the DENR Secretary
- Step 4: Approval of DENR Department Administrative Order signed by the Secretary of the DENR and published accordingly as required by the law.



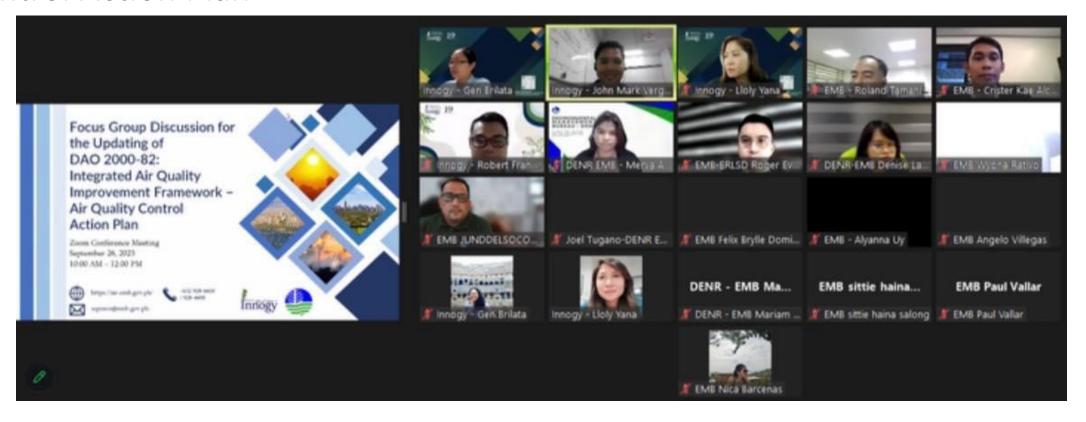






Way Forward Policies

2. Updating of the Integrated Air Quality Improvement Framework – Air Quality Control Action Plan











Thank you for Listening!





- Please visit
- https://air.emb.gov.ph/
- For Air Quality Permits, Please visit
- https://emb.gov.ph/air-quality-management-permits/



- For Air Quality Statistics
- https://emb.gov.ph/air-quality-management-data/













