**DENR ADMINISTRATIVE ORDER**

**No. 2024 - \_\_\_\_\_\_\_**

**SUBJECT: REVISING THE AMBIENT AIR QUALITY GUIDELINE VALUES AND STANDARDS FOR PARTICULATE MATTER 10 (PM10)**

Pursuant to the Republic Act No. 8749, otherwise known as the Philippine Clean Air Act of 1999, the guideline values for Particulate Matter (PM10) under Section 12 of the said Act are hereby revised as follows:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Interim | For NAAQSa | | Ambient Air Short –  Term | | Ambient Air Long – Term | | Implementation Period |
| ug /Ncu.m | Averaging Time | ug /Ncu.m | Averaging Time | ug /Ncu.m. | Averaging Time |
| 1 | 200 | 1 hour | 150 | 24 hours | 60 | 1 year | Effectivity date of the DAO |
| 2 | 125 | 100 | 30 | Two (2) years after the effectivity date of the DAO |
| 3 | 75 | 50 | 20 | Four (4) years after the effectivity of the DAO |
| 4 | 70 | 45b | 15b | Six (6) years after the effectivity of the DAO |

a – National Ambient Air Quality Standards (NAAQS) for Source-Specific Air Pollutants from Industrial Sources/Operations

b – based on World Health Organization (WHO) Guidelines for PM10

Below are the corresponding Interim breakpoints for PM10 and their cautionary statement:

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Category** | **Color** | **RGB Color Code** | **Hex Color Code** | **Interim 1** | | **Interim 2** | | **Interim 3** | | **Interim 4** | | **Cautionary Statements** |
| **BP low of PM 10, ug/Ncu.m** | **BP high of PM 10, ug/Ncu.m** | **BP low of PM 10, ug/Ncu.m** | **BP high of PM 10, ug/Ncu.m** | **BP low of PM 10, ug/Ncu.m** | **BP high of PM 10, ug/Ncu.m** | **BP low of PM 10, ug/Ncu.m** | **BP high of PM 10, ug/Ncu.m** |
| GOOD | Green | (0, 228, 0) | #00E400 | 0 | 40 | 0 | 20 | 0 | 13 | 0 | 10 | None |
| FAIR | Yellow | (255, 255, 0) | #FFFF00 | 41 | 60 | 21 | 30 | 14 | 20 | 11 | 15 | None |
| UNHEALTHY FOR SENSITIVE GROUPS | Orange | (255, 126, 0) | #FF7E00 | 61 | 80 | 31 | 40 | 21 | 27 | 16 | 20 | People with comorbidities or immunocompromised should limit outdoor activities without appropriate PPE. |
| VERY UNHEALTHY | Red | (255, 0, 0) | #FF0000 | 81 | 100 | 41 | 50 | 28 | 34 | 21 | 25 | Pedestrians should avoid heavy traffic areas. People with comorbidities or immunocompromised People should limit the use of vehicles and postponed unnecessary trips. |
| ACUTELY UNHEALTHY | Purple | (143, 63, 151) | #8F3F97 | 101 | 150 | 51 | 150 | 35 | 150 | 26 | 150 | People should limit outdoor exposure. People with comorbidities or immunocompromised should stay indoors. People should limit the use of vehicles and postpone unnecessary trips. Industrial activities may be curtailed. |
| EMERGENCY | Maroon | (126, 0, 35) | #7E0023 | 151 and above | | 151 and above | | 151 and above | | 151 and above | | Everyone should remain indoors. Motor vehicle use should be prohibited except for emergency situations. Industrial activities, except that which is vital for public safety and health, should be curtailed. |

All orders and other similar issuances inconsistent herewith are hereby revoked, amended, or modified accordingly.

This Order shall take effect fifteen (15) days after its publication in a newspaper of general circulation and upon acknowledgment of receipt of the copy thereof by the Office of the National Administrative Register (ONAR), UP Law Center.

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|  | **MARIA ANTONIA YULO-LOYZAGA** |
|  | Secretary |