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## GRAP to be Enforced in Delhi-NCR

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Environmental Pollution (Prevention and Control) Authority (EPCA) will implement an emergency action plan in Delhi to tackle rising air pollution.

- The emergency plan is called the Graded Response Action Plan (GRAP).
- Graded Response Action Plan (GRAP) was prepared by the Ministry of Environment, Forests & Climate Change (MoEFCC) after the order of Supreme Court of December 2016.
- GRAP includes the measures which will be taken by different government agencies to prevent worsening of Air Quality of Delhi-NCR (National Capital Region) and prevent PM<sub>10</sub> and PM<sub>2.5</sub> levels to go beyond 'moderate' national Air Quality Index (AQI) category.
- The EPCA is mandated to enforce the Graded Response Action Plan (GRAP) in the city as per the pollution levels.

### Types of measures under Graded Response Action Plan (GRAP):

Measures to be taken are divided into different categories based on the Pollution level:

Category	Ambient Particulate Matter (PM) Concentration	Measures
<b>Moderate to Poor</b>	<ul style="list-style-type: none"><li>• PM 2.5 between 61-120 <math>\mu\text{g}/\text{m}^3</math></li><li>• PM<sub>10</sub> between 101-350 <math>\mu\text{g}/\text{m}^3</math></li></ul>	<ul style="list-style-type: none"><li>• Enforce pollution control in thermal power plants</li><li>• Mechanized sweeping on roads</li><li>• Ban on firecrackers</li><li>• Stop garbage burning</li></ul>

<b>Very Poor</b>	<ul style="list-style-type: none"> <li>• PM2.5 between 121-250<math>\mu\text{g}/\text{m}^3</math></li> <li>• PM10 between 351-430 <math>\mu\text{g}/\text{m}^3</math></li> </ul>	<ul style="list-style-type: none"> <li>• Stop use of diesel generator sets</li> <li>• Increase bus and metro services and increasing frequency of metro service</li> <li>• Stop use of coal/firewood in hotels and open eateries</li> </ul>
<b>Severe</b>	<ul style="list-style-type: none"> <li>• PM2.5 more than 250<math>\mu\text{g}/\text{m}^3</math></li> <li>• PM10 more than 430<math>\mu\text{g}/\text{m}^3</math></li> </ul>	<ul style="list-style-type: none"> <li>• Increase frequency of mechanized sweeping of road and sprinkling of water on roads</li> <li>• Close brick kilns, Hot Mix plants, Stone Crushers</li> <li>• Shut down Badarpur power plant</li> <li>• Introduce concessional rates to encourage off-peak travel in public transport.</li> </ul>
<b>Severe+ or Emergency</b>	<ul style="list-style-type: none"> <li>• PM2.5 of or more than 300<math>\mu\text{g}/\text{m}^3</math></li> <li>• PM10 of or 500<math>\mu\text{g}/\text{m}^3</math></li> </ul> <p><b>(persist for 48 hours or more)</b></p>	<ul style="list-style-type: none"> <li>• Stop entry of diesel trucks into Delhi (except essential commodities)</li> <li>• Stop construction activities</li> <li>• Introduce odd and even scheme</li> <li>• Shutting of schools</li> </ul>

**National Air Quality Index (AQI)**

- National Air Quality Index (AQI) is under the aegis of the CPCB.
- AQI has been developed to inform people about the level of eight pollutants— PM2.5, PM10, Ammonia, Lead, nitrogen oxides, sulfur dioxide, ozone, and carbon monoxide.