

The Categories of Air Quality Index (AQI)

AQI Categories	Range
Good	(0–50)
Satisfactory	(51–100)
Moderate	(101–200)
Poor	(201–300)
Very Poor	(301–400)
Severe	(>401)

Standard values of each parameter of Air Quality as per NAAQS 2009

O₃ (24 hourly average permissible limit as per NAAQS 2009 is 100 µg/m₃)

Category:

Below 100 (Good)

Above 100 (Poor)

CO (24 hourly average permissible limit as per NAAQS 2009 is 02 µg/m₃)

Category:

Below 02 (Good)

Above 02 (Poor)

NH₃ (24 hourly average permissible limit as per NAAQS 2009 is 400 µg/m₃)

Category:

Below 400 (Good)

Above 400 (Poor)

PM₁₀ (24 hourly average permissible limit as per NAAQS 2009 is 100 µg/m₃)

Category:

Below 101 (Moderate)

Between 101-

350(Moderate to poor)

Between 351-430 (Very poor)

Above 430 (Severe)

PM_{2.5} (24 hourly average permissible limit as per NAAQS 2009 is 60 $\mu\text{g}/\text{m}^3$)

Category:

Below 61 (Moderate)

Between 61-120 (Moderate to poor)

Between 121-250 (Very poor)

Above 250 (Severe)

SO₂ and NO₂ (24 hourly average permissible limit as per NAAQS 2009 is 80 $\mu\text{g}/\text{m}^3$)

Category:

Below 80 (Good)

Above 80 (Poor)