**Air Quality Index**

Air Quality Index (AQI) is a tool to showcase air quality status. It transforms complex air quality data of various pollutants into a single number and colour. AQI has six categories of air quality. These are: Good, Satisfactory, Moderately Polluted, Poor, Very Poor and Severe. Each of these categories is decided based on ambient concentration values of air pollutants and their likely health impacts. As the AQI increases, an increasingly large percentage of the population is likely to experience health effects.  
  
The measurement of air quality is based on eight pollutants, namely

Particulate Matter (size less than 10 µm) or (PM10)

Particulate Matter (size less than 2.5 µm) or (PM2.5)

Nitrogen Dioxide (NO2)

Sulphur Dioxide (SO2)

Carbon Monoxide (CO)

Ozone (O3)

Ammonia (NH3)

Lead (Pb)

The AQI values and their associated health impacts are as follows:  
  
