

# PATHOVISION

Your AI Environmental Threat Monitor ■■

## Detected Items

Industrial smoke / emissions

### ***Detected Item : Industrial smoke / emissions ■***

Plausible/Possible Diseases : Detected Item : Industrial Smoke / Emissions ■■ Plausible/Possible Diseases : Respiratory illnesses (e.g., asthma, bronchitis, COPD, lung cancer), cardiovascular diseases (e.g., heart attacks, strokes), neurological effects, developmental issues, eye and throat irritation. Explanation : Industrial smoke and emissions release a complex mixture of air pollutants including particulate matter (PM2.5, PM10), sulfur dioxide, nitrogen oxides, carbon monoxide, heavy metals, and volatile organic compounds. When inhaled, these tiny particles and gases can penetrate deep into the lungs, enter the bloodstream, and trigger inflammation and damage to various organ systems. Advice and Precaution To Follow : • Monitor local air quality indexes (AQI) regularly. ■■■■■ • Limit strenuous outdoor activities on days with high pollution. ■■■■■ • Keep windows and doors closed to prevent indoor air pollution. ■■ ■ Consider using an air purifier with a HEPA filter indoors. ■ • Wear a well-fitting N95/KN95 mask if outdoor exposure is unavoidable during high pollution events. ■ • Advocate for stricter environmental regulations and cleaner industrial technologies. ■ • Seek medical advice if experiencing persistent respiratory or cardiovascular symptoms. ■

Explanation : Detected Item : Industrial Smoke / Emissions ■■ Plausible/Possible Diseases : Respiratory illnesses (e.g., asthma, bronchitis, COPD, lung cancer), cardiovascular diseases (e.g., heart attacks, strokes), neurological effects, developmental issues, eye and throat irritation. Explanation : Industrial smoke and emissions release a complex mixture of air pollutants including particulate matter (PM2.5, PM10), sulfur dioxide, nitrogen oxides, carbon monoxide, heavy metals, and volatile organic compounds. When inhaled, these tiny particles and gases can penetrate deep into the lungs, enter the bloodstream, and trigger inflammation and damage to various organ systems. Advice and Precaution To Follow : • Monitor local air quality indexes (AQI) regularly. ■■■■■ • Limit strenuous outdoor activities on days with high pollution. ■■■■■ • Keep windows and doors closed to prevent indoor air pollution. ■■ ■ Consider using an air purifier with a HEPA filter indoors. ■ • Wear a well-fitting N95/KN95 mask if outdoor exposure is unavoidable during high pollution events. ■ • Advocate for stricter environmental regulations and cleaner industrial technologies. ■ • Seek medical advice if experiencing persistent respiratory or cardiovascular symptoms. ■

Advice and Precaution To Follow : Detected Item : Industrial Smoke / Emissions ■■ Plausible/Possible Diseases : Respiratory illnesses (e.g., asthma, bronchitis, COPD, lung cancer), cardiovascular diseases (e.g., heart attacks, strokes), neurological effects, developmental issues, eye and throat irritation. Explanation : Industrial smoke and emissions release a complex mixture of air pollutants including particulate matter (PM2.5, PM10), sulfur dioxide, nitrogen oxides, carbon monoxide, heavy metals, and volatile organic compounds. When inhaled, these tiny particles and gases can penetrate deep into the lungs, enter the bloodstream, and trigger inflammation and damage to various organ systems. Advice and Precaution To Follow : • Monitor local air quality indexes (AQI) regularly. ■■■■■ • Limit strenuous outdoor activities on days with high pollution. ■■■■■ • Keep windows and doors closed to prevent indoor air pollution. ■■ ■ Consider using an air purifier with a HEPA filter indoors. ■ • Wear a well-fitting N95/KN95 mask if outdoor exposure is unavoidable during high pollution events. ■ • Advocate for stricter environmental regulations and cleaner industrial technologies. ■ • Seek medical advice if experiencing persistent respiratory or cardiovascular symptoms. ■