

ING.L&ABOSCHI,ITALY (Since 1930) DELHI CRYOGENIC PRODUCTS P. LTD. A104/2, Okhla Industrial Area, Phase -2, New Delhi-110011

OXY99 PURE MEDICAL OXYGEN "A LIFE SAVER" (AS PER Indian Pharmacopoeia IN PORTABLE OXYGEN CYLINDERS/ CANS) CORPORATES/ BUSINESS HOUSES/ CALL CENTERS



Oxygen retards the aging of human cells

Oxygen helps relieve headaches

Oxygen alleviates tiredness

Oxygen supports breathing of air in cases of asthma and allergies

Oxygen boosts the

Oxygen helps in cases of

depression

Oxygen improves physical performance by up to 25%

Subject: OXY99 "PURE OXYGEN FOR CORPORATE OFFICES, CALL CENTERS & CLOSED AREAS

Dear Sir,

As you are aware that high level of pollution in the city crossing DANGER MARK, there is actual shortage of OXYGEN in people working in the corporate offices, call centres and closed areas.



What is OXY99:

- OXY99 is a portable 99% pure oxygen can
- OXY99 weigh only 100gms
- OXY99 has 6ltrs of oxygen
- OXY99 is highly useful in pollution
- OXY99 is highly useful in SOS & standby for respiratory conditi
- OXY99 will instantly increase the oxygen level in the body.
- OXY99 Meets the requirements of Indian, American and European pharmacopoeia
- OXY99 has been launched worldwide across OVER 50 COUNTRIES .
- OXY99 can be used by directly inhaling oxygen as a spray/inhaler and can also be connected to a specially designed oxygen mask for easy breathing on the go.

REASON OF LOW OXYGEN LEVELS

Pollution

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- Recirculation of stale air
- High level of CARBON MONOXIDE and CARBON DIOXIDE
- Due to lack of OXYGEN in the human body it is not only a SLOW KILLER but give rise to many diseases linked with LUNGS, HEART and BRAIN

ADVANTAGES OF OXY99:

- Work Efficiency will INCREASE by 40% to 300% as per study
- People will feel FRESHNESS AND ENERGY
- OXY99 will help to recover from ill effects of SMOG
 & AIR POLLUTION.
- OXY99 will provide relief from MENTAL AND PHYSICAL STRESS.

HOW LACK OF OXYGEN CAUSES INEFFICIENCY IN WORKING

- People fall sick when they breath stale poisonous air
- Cause fatigue and lethargic
- Causes wheezing, coughing and allergies

Recommended Dosage		
Level 1 Highly Dangerous	3 to 5 OXY99 cans per month	
Level 2	2 to 3 OXY99 cans per month	
Level 3	1 to 3 OXY99 cans per month	

News & Articles



Delhi's air is at its worst in years, but how do you protect yourself and make sense of the readings? TOI clears the air on terminology

CO

What Carbon monoxide (CO) is a colourless, odourless gas that can be harmful if inhaled in large amounts. It's released when something is burned

Why dangerous

Breathing a very high concentration of CO reduces the amount of oxygen that can be transported in the blood stream to organs like the heart and brain. At very high levels in enclosed environments, CO can cause dizziness, confusion, loss of consciousness and death. Exposure to very high levels of CO in outdoor air can lead to discomfort or pain in the heart

From where The greatest sources of CO in outdoor air are vehicles or machinery that burn fossil fuel

What to do Control tailpipe emissions, bring new vehicle technologies and clean up fuel. Also take steps to check incomplete combustion of oil, coal or wood

TOMORROW: SO2



Air at public places badly polluted

TOI Ties Up With CSE For Reality Check At School, Hospital & Mall With Shocking Results

493

354

n condition was at

ational School on

718

Jayashree.Nandi @timesgroup.com

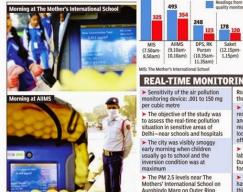
New Delhi: The air you are breathing through the day may be far worse than what the government's pollution may be far worse than what the government's pollution monitoring tells you. Because we often spend long hours near emission sources—on footpaths, along heavily con-gested roads, in an autorick-shaw in peak traffic and even in parks during morning walks. To assesse what our real ex-posure may be like, **TOI**, in as-sociation with Centre for Science and Environment (CSE), spent aday monitoring

Science and Environment (CSE), spent aday monitoring hourly PM2.5(fine, respirable particles) on CSE's portable air quality monitoring device in front of schools, hospitals, shopping areas and traffic copbooths. The idea was to under-stand what kind of air pollu.

stand what kind of air pollu-tion levels children on their way to schools or patients out-side hospitals may be exposed to. The hourly PM2.5 averages

to The hourly PM 2.5 averages logged at these locations were compared with the ambient air quality monitored by Del-hi Pollution Control Commit-tee (DPCC)'s monitoring sta-tions near the locations. The results were very dis-turbing — outside Mother's International School on Auro-average for 8 am to 9 am was 718 micrograms. Per cubic metre' While there is no offi-cial safe standard for an hourcial safe standard for an hour ly average, the 24-hour aver-age for PM 2.5 in India is about 60 micrograms per cubic age for FM2.5 in India is about 60 micrograms per cubic metre. The machine— TSI DustTrak DRX Aerosol Moni-tor 8533 – showed peaks up to 800 micrograms per cubic metre, about 13 times the daily citanderd Dwint the segment and it metre about 13 times the daily

standard. During the same pe-riod, DPCC's RK Puram moni-toring station recorded an hourly average of just 325 migrams per cubic metre. Inside All India Institute Medical Science (AIIMS)



CHECKING IT OUT

My lungs seem to blow up, es-

campus, between 9.10 am and 10.10 am, the hourly average was 493 micrograms per cubic metre. Considering that pa-tients with low immunity go to the hospital, they may be ex-My lungs seem to blow up, es-pecially in winter. Only pa-tients like us know how pol-luted Delhi s," he said. At the traffic cop had a handkerchief tied around his nose. He has kidney stones and respiratory problems. "I am only 25. After J joined this job last year, I started falling terribly sick. I am using the handkerchief as a mask. My family is worried for me," he tients with low immunity go to the hospital, they may be ex-posing themselves to more complications in such condi-tions. Curious patients looked at the device and wanted to know what it does. Krishna Vishwas, an IGNOU student who came for her mother's treatment use ano of them terrinoy sick. I am using the handkerchief as a mask. My family is worried for me," he said declining to be named. Traffic staff most often work outdoors fhom 8 am to 8 pm. Other cops complained of a burning sensation in eyes and episodes of severe cough. As it got warmer and sum-nier. PM 2.5 concentrations started plunging. At RR Pur-ram, in front of Delih Public School, the hourly average was248micrograms percublc metre and later at Saket, in front of a shopping mail, the

who came for her mother's treatment, was one of them. "We are from Nainital, My im-munity has gone down dra-matically over the years. I have acute sinus problems and get tirde dealy in Delhi. Even'i I gofor acouple of days to Nainital, I get better. It has to be the air, "she said. Suresh Chandra Gupta (74) from Uttarakhand also moved to Delhi to live with his son but has been suffering from severe respiratory is from severe respiratory is-sues. "I can't breathe often.

Aurobindo Marg on Outer Ring this type of monitoring, such concentration was about 178 micrograms per cubic metre. The exercise of monitor-ing exposure levels through the day also revealed the diurnal variation in pollution lev els with air quality improving considerably in the afternoon (1 pm to 4 pm), especially if it is sunny and warm. The air

PM 2.5 level in microgram per cubic metre

133

Hospital (4.36pm-5.36om)

123

178 120

248

TOI AGAINST POLLUTION

quality started declining once again after 4.30 pm. This exer-cise also revealed that areas with a smooth but less vehicu-lar traffic can have relatively much better air quality. In front of Dr Ram Manohar Lo-hia Hospital, for instance, traffic flowed smoothly. Here, the PM .2.5 concentrations the PM 2.5 concentrations ranged between 100 and 180

REAL-TIME MONITORING Road were the highest recorded for the day studies are carried out globally. California Air Resources Board The day The overall levels started to reduce as the day became warmer and smog lifted. But even then the real-time pollution levels in each location were much higher than official readings (CARB) has carried out several studies of PM 2.5 monitoring at and away from freeways A study published in 2004 edition and Critical Care Medicine has reported findings of real time PM 2.5 exposure monitoring of North Carolina Highway Patrol Troopers > The pollution monitoring laboratory of CSE has used TSI DustTrak DRX Aerosol Monitor 8533 for monitoring Though government agencies have expressed reservations abor

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Marg (5.45pm- Marg (1.10pm- 6.45pm) (6.10pm 5.10pm) 7.10pm

12

► The pollution monitoring laboratory of CSE has used TSI DustTrak DRX Aerosol Monitor 8533 ns about for monitoring will need to look at new emerging low-cost but ad-vanced sensor-based monitor-ing equipments. These are ex-pected to become the gamechanger in air quality micrograms per cubic metre, far lower than other locations. Government pollution monitoring agencies have claimed that such exposure

claimed that such exposure monitoring may be "unscien-tific" as such devices are mainly meant for "industri-al" projects and that there is no official standard for hourly readings. "Both pieces of in-formation are valuable. The legal standard is indeed based on doily average concentra. legal standard is indeed based on daily average concentra-tions measured at a fixed loca-tion. As our research demo-strates, air pollution levels in Dehiv ary substantially with time and place, depending on where one is. In many locales, like in traffic, particulate mat-ter levels are much higher than what official monitors indicate, "said Joshua Apteot Lawrence Berkeley National Laboratory; who has done Laboratory, who has done similar research in Delhi. "Delhi and other cities

gamechanger in air quality monitoring globally to bridge the gap in data available to ci-tizens and assess personal ex-posure to pollutants that en-hance health risk," saint danumita Anumita Roy Chowdhury, head of CSE's clean air cam-paign who advised TOL or the head of CSE's clean air cam-paign who advised TOI on the day-long exposure monitor-ing. Ramakant Sahu, re-research associate Shirin Bithal at CSE carried ou the monitoring. DPCCs data analysis was carried ou the monitoring. DPCCs data analysis was conduced by Vi-vek Chattopadhyay, Pro-gramme Manager, CSE's clean air programme. (The choice of sites uas random and intended only to create auareness)

Pollution

Accelerated decline in lung function

Accelerated decline Asthma

Type 2 diabetes

Poor cognition

Lung cancer

Heart attacks, heart

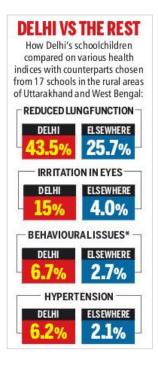
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erican Journal Respiratory

create awareness)



CAPITAL BREATHES UNEASY

Tana alabat shira subb

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LHI, INDIA	
	LHI, INDIA CHINA GYPT 60, CHILE

	2014	2010
Bangladesh	169	139
India	155	123
Pakistan	148	125
Nepal	139	38
China	118	121
Sri Lanka	69	58
 Ranking base Health impar water & sani resources, ag forests, biod dimate chan 	ct, air pollu itation, wa priculture, iversity &	ition, ter fisheries habitat,
On list of 17 ranks as low pollution, 12	as 174 on	air

vitzerland, Luxembourg ustralia, Singapore and zech Republic

AIR POLLUTION IMPACT

Dust, soot, fly ash, diesel exhaust particles etc. which are suspended in the air lodge in the lungs and can trigger res-piratory tract infections The small particles in the polluted air can even pen-etrate the bloodstream The particles also

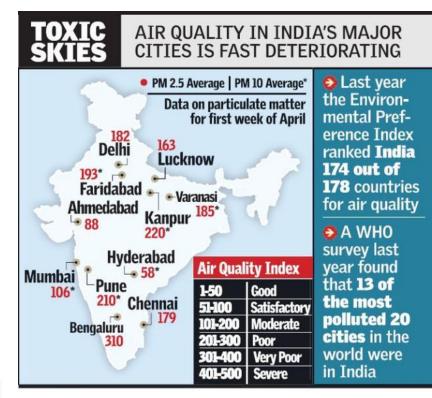
impair immune function, which causes infections to occur, resulting in asthma

People who already suffer from asthma have different triggers that set off problems in the major airways of the lungs,

making breathing even more difficult

A pollutant like sulfur-dioxide causes the constriction of smaller airways in the lungs and makes breathing harder even for healthy people

When it comes to pollen allergies, the introduction of pollen into the nasal passage cause rhinitis, or the inflammation of mucus membranes. This leads to a running nose, itching sensation and other such symptoms



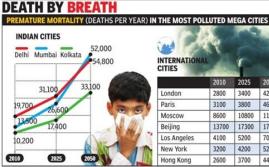
'In 10 yrs, Delhi air will be world's deadliest'

Kounteya Sinha @timesgroup.com

London: In another 10 years Delhi will record the world's largest number of prema-ture deaths annually due to ture deaths annually due to air pollution among all megacities in the world. By 2025, nearly 32,000 people in Delhi will die solely due to in-haling polluted air. However, it will be Kolka-te thet will weevel the kickert

ta that will record the highest number of such deaths an number of such deaths an-nually by 2050. Kolkata will see the number of premature deaths spike between 2025 and 2050 and will record 54,800 deaths due to air pollution — more than Delhi (52,000) and Mumbai (33,100).

Together, these three ci-ties topped the list of prema-ture deaths due to harmful particles like PM2.5 and O3 in the air: Annually, 3.3 million



people worldwide die prema-turely from the effects of air pollution. This number will emissions continue to rise according to a team of scien-tists at the Max Planck Instidouble by 2050 to 6.6 million if tute for Chemistry in Mainz.

In 2010, 75% of such mor tality occurred in Asia — 1.4 million in China and 650,000 in India.

2010 2025 2050

2800 3400 4200

3100 3800 4600

8600 10800 11700

13700

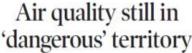
4100

3200 4200 5200

17300 17700

5200 7000

2600 3700 4400



TIMES NEWS NETWORK

New Delhi: Despite the weather having cleared in the past few days, Delhi's air quality index has continued to remain in the 'severe' category, indicating that there has been no reduction in pollutants over the city. Thursday's AQI was down to 408 from Wednesday's 424 but experts say there is little reason to cheer since even this level is highly dangerous. The Met department

said that Friday and Saturday would see another build-up of smog, but it would be temporary. "The

weather will remain dry but we expect moderate to shallow fog over Haryana. Delhi and UP," said a Met official.

Dr D Saha, additional director of CPCB said that it was imperative that no further pollution be added to the air. "Because of the wind pattern, crop burning in Haryana and Punjab will lead to more pollution in the capital," he said.

The Met department has predicted a gradual rise in minimum temperatures by 2-3 degrees Celsius over northwest India during the next 48 hours.

