

Ambient Noise and Air Quality Monitoring During Deepawali -2009

PRESS NOTE

Central Pollution Control Board (CPCB) has been conducting Ambient Noise and Air quality monitoring at various locations in Delhi every year on the occasion of Deepawali festival since 1993 to measure the environmental impact of bursting crackers during Deepawali festival. As in the past, this year also, CPCB is conducting Ambient Noise and Air Quality monitoring on the occasion of Deepawali festival.

The Ambient noise level monitoring has been carried out for long duration (six hour average) at nine locations namely Connaught Place, Mayur Vihar Phase – II, AllMS, Pitam Pura, Lajpat Nagar, Kamla Nagar, Dilshad Garden, ITO and East Arjun Nagar between 18.00 hrs. and 24.00 hrs. on September 30, 2009 (Pre – Deepawali). The monitoring for long duration on the same spots between 18.00 hrs. and 24.00 hrs. will be repeated on Deepawali day also, i.e., October 17, 2009.

Ambient air quality monitoring at six monitoring stations of CPCB under National Air Monitoring Programme (NAMP), namely Pitam Pura, Siri Fort, Janakpuri, Shahzada Bagh, Shahdara and Nizamuddin will also be carried out round-the-clock on Deepawali day, i.e., October 17, 2009.

The 24 hourly continuous ambient air quality data at DCE, ITO, Siri Fort, and East Arjun Nagar is updated every 15 minutes and the same is available on CPCB's website: www.cpcb.nic.in

The criteria pollutants, viz. Suspended particulate matter (SPM), Respirable suspended particulate matter (RSPM) Carbon monoxide (CO), Sulphur dioxide (SO₂), Oxides of Nitrogen (NO-NO₂-NO_x) and Ozone (O₃) will be monitoring during the monitoring programme. Besides these pollutants, monitored of volatile organic compounds (VOCs) at three locations (Pitam Pura, ITO and East Arjun Nagar) and speciation sampling for characterization of particulate matter at three locations(ITO,Siri Fort and Shahzada Bagh) will also be carried out during Deepawali . Pre – Deepawali monitoring data will be used for comparison of monitoring data of Deepawali festival.