

Jharkhand State Pollution Control Board had organized an Interaction Session with Different Staker-holders on the occasion of “International Ozone Day” on 16.09.2019 at the office of JSPCB, Ranchi.

An interactive session was organized by Jharkhand State Pollution Control Board on the occasion of “International Ozone Day” with different stakeholders on 16th Sept. 2019 at the Conference Hall of JSPCB. The meeting was chaired by Sri. Rajeev Lochan Bakshi, Member Secretary, Jharkhand State Pollution Control Board. The attendance sheet is annexed as Annexure 1.

1. The Member Secretary, JSPCB informed that 32 years ago, 192 countries signed a treaty known as Montreal Protocol to phase out the production and consumption of those substances which effects or depletes the ozone layer by 01 January 2010. India became the signatory member on 19th June 1992. The average amount of ozone in the Stratosphere is roughly 300 Dobson Units, which is equivalent to a layer of 3 millimeters thickness. But, Antarctic Ozone “Hole” is an area where the ozone concentration drops to an average of about 100 Dobson Units. Till date almost 99% of ODSs have been phase out globally, which has indicated that the ozone layer is recovering. The ozone layer is found in the stratosphere at around 15–30km above the earth’s surface. which covers almost about 90% of the ozone in the Earth’s system. This, ozone makes up only one to ten out of every million molecules in the ozone layer and rest of the molecules are mostly in the form nitrogen and oxygen. Though the quantity is less but it’s powerful enough to block the most harmful solar radiation. Ozone and Oxygen molecules are able to absorb 95 to 99.9% of the ultraviolet (UV) radiation of shorter wavelength mainly UV-A & UV-B. that gets to our planet. Prolonged exposure to UV-B radiation is linked to genetic damage, skin cancer and immune system suppression in humans and animals and even lowers agricultural crops.

2. India had completely phased out production and consumption of Ozone Depleting Substances (ODDs) like Chlorofluorocarbons, Carbon Tetrachloride and halons, Man-Made Chemicals responsible for the depletion of the Ozone Layer. India has contributed significantly towards the Global Environmental Cause, by reducing 25,000 tonnes of Ozone Depleting Particles and a further potential of reducing 23,000 tonnes ozone depleting particles.

3. As a part of country’s commitment to Montreal Protocol, GoI is taking initiatives to phase out Hydro-Chloro-Fluoro-Carbon (HCFC). Emphasis is also led done on phasing out such chemicals in foam, refrigeration and halon sector which effects the ozone layer. The Ozone Cell, MoEF&CC is providing technical and financial assistance to foam manufacturing units for conversion to HCFC-141b free global warming potential technologies.

4. Representatives from Maithan Thermal Power Plant, Dhanbad have informed that they have organised an Awareness Program on use of Ozone friendly products for the

employees, worker and residents. Almost, 50% of the old air conditioning unit have been replaced with new Eco- friendly (R-410) refrigerant units.

5. Environmental Management Cell, Tata Steel, Jamshedpur have also organised a Campaign at various locations for educating the mass on the use of Ozone Freindly substances and sources of pollutants & effects of ozone depletion on Environment and Human Health. Tree Plantantaion drive was also carried out at Tata Works, Jamshedpur.

6. Represenattatives for NTPC have informed that the 3rd generation plants had been phased out and the 2nd generation plants are being modified to retrofit technologies which helps in reduction of emission and improve the efficiency.

7. Member Secretary, JSPCB, proposed the stakeholder to prepare an action plan on the steps to be taken by the organisations to reduce the emission of NO_x, VOCs and ODSs to prevent furter depletaion of Ozone layer and prevent Global Warming.

8. JSPCB shall facitilate and provide credits those industries who have shown credale reduction in emissions of there harmful substances through appreciation/ reducdtion in fee for Consent & faster approval.

The meeting concluded with vote of thanks to the Member Secretary.

Rajiv
25/10/2022
(Rajeev Lochan Bakshi)
Member Secretary



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Jharkhand State Pollution Control Board

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ATTENDANCE SHEET

Interaction meeting with stakeholders on the occasion of "Ozone Day'2019" on

16.09.2019 at 05.00 PM in the office of JSPCB, Ranchi

Sl. No.	Name and Designation	Industry	E-mail ID and Mobile No.	Signature
1	Rajeev Lochan Bakshi Member Secretary	JSPCB	—	
2	APOORV SHUKLA, RESIDENT EXECUTIVE	TATA STEEL	apoorv.shukla@ tatasteel.com	
3	KANISHK KUMAR RESIDENT EXECUTIVE	"	kanishk.kumar@ tatasteel.com	
4	Ramesh Raj	Tata Power	ramesh.ramjan @tatapower.com	
5	N.A Khan Senior Manager	GTRE Industries	9708038599 neryaz.khan@ adityabirla.com	
6	Ajay Kumar Asst. Manager. EWT	Maithon Power Ltd (Dhanbad)	9263632065 ajay@tatapower.com	
7	Dr. Ashok Kumar Tripathi Manager - Chemical & Env.	Maithon Power Ltd. (Dhanbad)	9204855212 ashok.tripathi@tatapower.com	
8	B.N. SINGH AGM - Head of Environment Dept.	JPL	9771437675 bisheshwar.singh@ pat.jsp.com	
9	Amit Kumar Sr. Manager	Hindalco	amit.k@adityabirla.com	
10	AJOY KUMAR SHRIVASTAVA OFFICER	HINDALCO	AJOY.SHRIVASTAVA @ADITYABIRLA.COM M- 9708035651	
11	U. SADANANDA CHARY OGM (Mining)	NTPCLTD	USANANDAM@NTPC.CO.IN	
12	Pankaj Kumar Singh	NTPC LTD	pankajkumarsingh51@ ntpc.co.in 9430149777	

Sl. No.	Name and Designation	Industry	E-mail ID and Mobile No.	Signature
13	S.K. Sinha GM (Kewendari CMD)	NTPC Ltd.	sssinha.06@ntpc.in 9487215239	
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