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STATE POLLUTION CONTROL BOARD, ODISHA

(Department of Forest & Environment, Govt. of Odisha)
Paribesh Bhawan, A/118, Nilakanthanagar, Unit-VIII
Bhubaneswar – 751012

No. 8977 / Ind-I-Con.(Misc.) -11

Date 20.06.2024

NOTIFICATION

It has been brought to the notice of the State Pollution Control Board that while preparing the bitumen mix either to use it as a sealant while laying plastic felts on the roof of the buildings or repairing / construction of road, waste rubber tyres are burnt openly as fuel. Burning of rubber tyres and bitumen releases highly toxic chemicals such as heavy metal, Polycyclic Aromatic Hydrocarbons (PAHs), dioxins and furans into the atmosphere, which are mostly carcinogenic in nature. In addition to these, carbon monoxide, sulphur dioxide, Volatile Organic Compounds (VOCs), benzene are also released to the atmosphere, which mostly remain suspended in the air and are responsible for deterioration of air quality of the locality. People who are exposed to the fumes emitted by such open burnings, may experience respiratory problems.

Besides, these toxic chemicals can also leach into the soil and bio-magnify plants or leach into water and bio-magnify aquatic animals. This gets more dangerous when the plants and aquatic animals are eaten by humans as the concentration of these toxic chemicals increase, causing several health problems.

In view of the above, potential risk of air pollution and public health, burning of waste tyres in open as fuel for preparation of bituminous substance for constructional activities are prohibited within the city/town limit. All the Municipal Corporations, Municipalities and Local Bodies are therefore, advised to ensure that open burning of waste tyre and plastic materials as fuel for preparation of bituminous substance is stopped hereafter.

By the order of Chairman


MEMBER SECRETARY

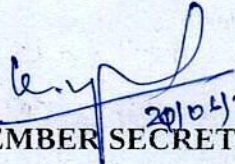
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Memo No. 8978 /Dt. 20.06.2024

Copy forwarded to the Addl. Chief Secretary, Forest, Environment & Climate Change Department / Addl. Chief Secretary, Housing & Urban Development Department / Director, Municipal Administration / Chief Engineer Building, Bhubaneswar / Principal Secretary, Works Department, Govt. of Odisha / All Collectors / All Urban Local Bodies / All Regional Officers, SPC Board / Sr. Law Officer-II, SPC Board / All Officers of SPCB / System Admn. for information and necessary action.


MEMBER SECRETARY