



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD

पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय भारत सरकार
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE GOVT. OF INDIA

May 18, 2018

By Speed Post

F.No.B-31011/BMW (15.2)/2018/WM-I/

To

Dr. Vivek G. Bhartu
Advocate, High Court Mumbai
764-E, Ground Floor, Umrigar Building,
Tilak Road, Parsee Colony,
Dadar, Mumbai - 14.

Sub: Clarification on pre-treatment of bio-medical waste as per Bio-medical Waste Management Rules, 2016 - reg.

Sir,

This has reference to your letter dated 03.05.2018 seeking clarification on provisions of Bio-medical waste Management Rules, 2016. Point-wise clarification is given below:

Para 1), 2) & 4)

Whether the Occupier has to set up on site bio-medical waste pre-treatment plant for disinfection and sterilization of laboratory bio-medical waste by adopting technology of autoclave or microwave for pre-treatment of waste.

Whether the Occupier has to prevent the highly infectious bio-medical waste by equipment like autoclave or microwave before handing over to CBWTF.

Whether microbiology waste and all other clinical laboratory waste is to be pre-treated by autoclave or microwave at the source before packing and sending to the CBWTF.

Reply:

All the Microbiological, Biotechnology and other clinical laboratory waste (blood bags, laboratory cultures, stocks or specimens of micro-organisms, live or attenuated vaccines, human and animal cell cultures used in research, industrial laboratories, production of biological, residual toxins, dishes and devices used for cultures) is required to be pre-treated by disinfection before handing over the waste to CBWTF operator. Pre-treatment can be done by autoclave / microwave / Hydroclave. Pre-treatment by using non-chlorinated chemical disinfectants can also be adopted by using chemical like aldehydes, lime based powders or solutions, ozone gas, ammonium salts and phenolic compounds.


Para 3)

Whether the pre-treatment of bio-medical waste is required to be carried out in accordance with Rule 7(2) of the BMWM Rules, 2016 is Common Bio-medical waste Treatment Facility is available within 75 Km.

Reply:

As per BMWM Rules, Microbiological, Biotechnology and other clinical laboratory waste is required to be pre-treated before handing over the same to CBWTF for further treatment & disposal. The pre-treatment is required to minimise the possibility of spreading infection due to such untreated highly infectious waste. However, the final treatment and disposal option for microbiological, biotechnology and other clinical laboratory waste is by incineration, as prescribed under Schedule III of BMWM Rules, 2016. Also, Autoclave/hydroclave/microwave used for pre-treatment of yellow (h) category waste must be dedicated for treatment of bio-medical waste only.

Yours faithfully,


(B. Vinod Babu)
AD & DH, WM-I

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