

MAHARASHTRA POLLUTION CONTROL BOARD

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Dated: 29.03.2017

No. MPCB/MS/BMW/B: 1285

To,
Additional Chief Secretary,
Public Health Department
Govt. of Maharashtra, Mantralaya, Mumbai- 400 032.

Sub: Microwave based Medical Waste system for treatment of Biomedical Waste –Reg.

Ref: 1) Letter of Secretary, Ministry of Communication and Information Technology,
Department of Electronic and Information Technology, GoI, vide no. 2(5)/97/H &
B (VOL. II), dated 25.02.2016

2) Meeting held before Hon'ble Minister Env., Hon'ble Minister, Public Health,
Addition Chief Secretary, Env. and Director, Env., GoM on 29.03.2017

3) Letter of M/s. DS Digital Systems, Mulund, Mumbai dated 29.03.2017

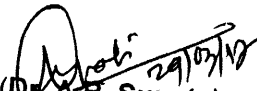
Sir,

MoEFCC, GoI, has notified Biomedical Waste Management Rules, 2016 vide notification dated 28.03.2016. As per Rule 4, of the said Rule it is the duty of the occupier to take all necessary steps to ensure that Biomedical Waste is handled without any adverse effect to human health and the environment and in accordance with the Rules.

Schedule – II of the said rule refers to treatment option. Microwave technology is recommended for treatment of Biomedical Waste excluding the waste namely, cytotoxic, hazardous or radioactive wastes, contaminated animal carcasses, body part and large metal items. The Microwave technology has advantages over Autoclave technology.

Vide ref. 1, above Ministry of Communication and Information Technology, GoI, has recommended indigenous developed Microwave disinfection system for hospital waste developed by SAMEER, which is patented technology. The microwave based on said technology is available on GoI Rate Contract of Directorate General of supplies and disposal vide rate contract No. MWS(MB)/MS/1/RC/C/4040000/1016/M-1/NB/131/015, dated- 03.05.2016.

MPCB has no objection for using Microwave technology for treatment Biomedical Waste generated in hospital as stated in the schedule –II of BMW Rules, 2016.


(Dr. A.R. Supate)
Member Secretary

Copy f.w.c. – P.S. to Hon'ble Minister Env., Hon'ble Minister, GoM- for information.
Copy submitted to: ACS, Environment Department, GoM, Mantralaya, Mumbai - for information.
Copy to: Director, Public Health Department, GoM/ Director, Env. GoM- for information.