

Emission Inventory Source Methodology Summary Form

Source Name:	Fuel combustion Emission Updates of Incinerators for Hospital Waste
--------------	---

Source ID Code:	1313704000
-----------------	------------

Source Description:	Biomedical Waste Incineration using Diesel Oil
---------------------	--

Staff:	<p>Dr. Utpal Mukherjee (Scientist – C) Central Pollution Control Board Synergy House II, Gorwa-Subhanpura Road Vadodara – 390023 Gujarat</p> <p>Mr. N. B. Chaudhari (SRO) Maharashtra Pollution Control Board Jog Centre, III Floor, Wakadewadi, Shivajinagar Pune – 411003</p> <p>Mr. Naval K. Chaudhary (M. Tech. Student) Centre of Environmental Science & Engineering IIT – Bombay, Powai Mumbai – 400076</p> <p>Mr. Suresh V. Bhosale (Junior Scientific Officer) Maharashtra Pollution Control Board Jog Centre, III Floor, Wakadewadi, Shivajinagar Pune – 411003</p> <p>Mr. Rajendra A. Rajput (Field Officer) Maharashtra Pollution Control Board Jog Centre, III Floor, Wakadewadi, Shivajinagar Pune – 411003</p>
--------	---

Date of Last Update:	20/03/2004
----------------------	------------

Methodology:	<p>EF for PM 10 from biomedical waste = 2.33 kg/T [Ref. AP 42, Table– 2.3-2]</p> <p>Total Emission = Wt. Of biomedical waste * EF for PM10</p>
--------------	--

Inputs – EF:	2.33 kg/T for PM10
--------------	--------------------

Inputs – Activity:	Burning of Biomedical Waste (using diesel). Total Biomedical Waste burning = 3 Tons/day <i>[Source: MPCB, Pune]</i>
--------------------	---

Estimated Emissions:	Total Emission = 6.99 kg/day of PM10 = 2.55 T/year of PM 10
----------------------	--

Date Loaded to DB:

Unresolved Issues:

Planned Improvements:
