



Elder Davis

Matthews University



“Did You Know”™ Educational Series

Issue No.130-05

A Publication of Matthews Cremation Division

EMISSIONS FROM CREMATION EQUIPMENT

Does cremation equipment have unusual emissions?

No, emissions from crematories are similar to restaurants, vehicles and home fireplaces.

Since the 1990 Clean Air Act air pollution discussions have often included crematories. Knowing this, we have spent tremendous amounts of time and money to be certain we have accurate environmental data on the emissions from crematories. We have found in past dealings with the EPA, that our industry is misrepresented unless we have good quality information on which we can defend ourselves from over regulation.

Emissions from cremation equipment are the same types you might find from other very common sources of air pollution. Below you will find a brief description of the most common regulated pollutants from a crematory and a comparison to give a point of reference.

Particulates (PM) - Solid matter such as dust, soot, ash and other unburned particles from the human remains, cremation container and contents of the container.

Average Particulate Emissions (Expressed in pounds per hour)

A. Typical State Standard39 lbs/hr
B. Cremation with casket/container08 lbs/hr
C. Wood Stove46 lbs/hr
D. Restaurant Cooking 100 burgers/hr18 lbs/hr
E. Diesel Truck14 lbs/hr

Carbon monoxide (CO) - A gaseous pollutant resulting from the incomplete combustion of fuel, cremation container and human remains.

Average Carbon Monoxide Emissions (Expressed in parts per million, PPM @ 7% oz)

A. Typical State Standard24 lb/hr
B. Cremation with casket/container06 lbs/hr
C. Wood Stove	3.5 lbs/hr
D. Restaurant Cooking 100 burgers/hr	Not available
E. Diesel Truck	22 lbs/hr

As you can clearly see, emissions from cremation equipment are not unusual but rather common to our everyday life experiences. In addition, the actual emission levels of cremation equipment are surprisingly low to most people.

Cremation equipment that is properly designed, operated and maintained will be a “good neighbor” to the other businesses and people that come into contact with it.

For service, sales or assistance please call (800) 327-2831

A publication of Matthews Cremation Division • 2045 Sprint Boulevard • Apopka, FL 32703

www.matthewscremation.com

Questions or comments may be sent to the address listed above

© Copyright 2005 All rights reserved no reproduction in part or whole without written permission from MCD.