

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 60

[EPA-HQ-OAR-2006-0534; FRL-8743-1]

RIN 2060-A004

Standards of Performance for New Stationary Sources and Emission Guidelines for Existing Sources: Hospital/Medical/Infectious Waste Incinerators

AGENCY: Environmental Protection Agency (EPA).

ACTION: Proposed rule.

Federal Register / Vol. 73, No. 231 / Monday, December 1, 2008 / Proposed Rules

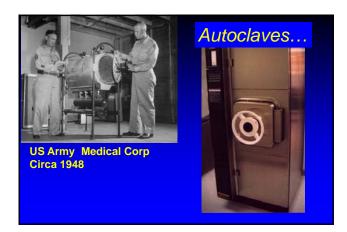
TABLE 8—NUMBER OF HMIWI THAT ARE IN EACH SUBCATEGORY AND THAT COMPRISE THE MACT FLOORS

	Total number	Number of HMIWI in
Unit size	of HMIWI	MACT floor pool
Large Medium Small Small Rural	36 17 2 2	5 3 1 1

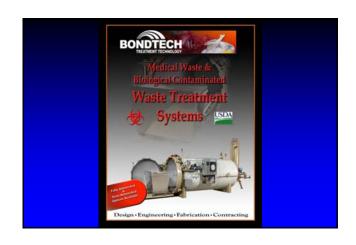
57 units at 51 facilities

14 Commercial units
47 Captive (On site of generator)

"EPA assessed the impacts of one alternative waste disposal option. This option involves on-site sterilization of the waste using an autoclave followed by landfilling of the sterilized waste. EPA selected the autoclave/landfilling option because it is widely available."









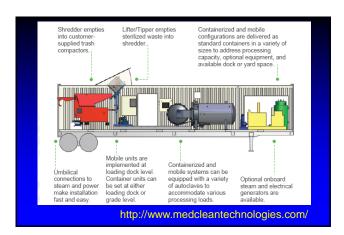










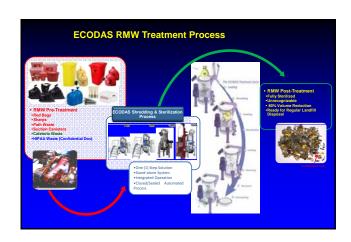




















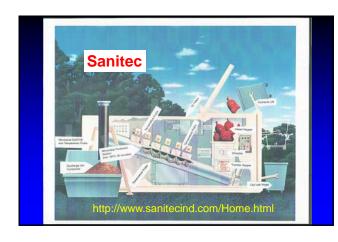








Moist Heat/ Electro Thermal Radiation











Chemical Treatment Systems

Types of chemicals used

Sodium Hypochlorite Chlorine dioxide Calcium Oxide SterCid (Quat/Glutaraldehyde/Isopropano/Pine Oil)

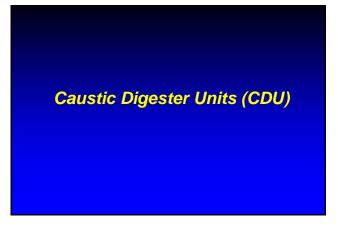






















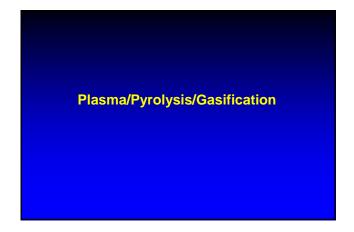














Conclusions The number of treatment technologies continues to fluctuate on an annual basis (domestic and international companies) Selection will be impacted by: •Economics •Regulations including appropriate efficacy data •Requirements of the waste generator

