Autoclave Verification Program
Department of Biological Safety 859-257-3753 http://ehs.uky.edu

Each Load of Biohazardous Waste
Autoclaves with automatic documentation
Review the printed report
If conditions were met, initial, date, and place User Log number on printed report
If conditions were not met, do not remove the load, repeat autoclave cycle
If conditions are not met again, autoclave must be labeled out of order
Autoclaves without automatic documentation
A Chemical Integrator Test Pack (CITP) must be incorporated in each load
The performance of the autoclave will be evaluated based on color change
Tape the CITP strip in the appropriate section of the User Log for your load

Monthly for Biological Waste Autoclaves
Biological Indicator Test
Utilize the 3M Attest Biological Indicator Kit
Record results in Biological Indicator Results Log

Utilizing the Attest Biological Indicator Test
Label Attest package containing biological indicator vial with date, autoclave ID, and load number from user log
Place the indicator package in the autoclave with the biohazard waste load
Run the autoclave cycle as usual
Using proper unloading procedures, remove the indicator package from the autoclave
Remove indicator vial from package and label with all information from package
Check indicator vial label for color change from rose to brown
Place the biological indicator vial into the 56°C incubator (See Photos for Instruction)
Place a non-autoclaved, labeled control tube in the incubator
Examine the indicator tube at 8, 12, 24, and 48 hours for any color change
Yellow color change indicates bacterial growth
Compare to non-autoclaved control at each time point
Record 48 hour test results in Results Log

For More Information:
http://www.3m.com

Autoclaving Biohazardous Waste
Wear buttoned lab coat, eye protection, closed-toed shoes, heat resistant gloves.
Add 1 liter of water to properly vented clear or orange autoclave bag
Use a solid secondary container approved for autoclave use
Promptly remove cooled autoclaved biohazardous waste to trash
Record use in user log