

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 evalu-
ated 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

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

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 incuba-
tor (See Photos for Instruction)

Place a non-autoclaved, labeled control tube in the incu-
bator

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>

