

APPENDIX 2
Records & Requirements for Autoclave

**Steam
Disinfection**

Steam disinfection (autoclave) operations shall meet all the following requirements:

Procedure

- A. To allow for sufficient steam access to or the penetration of the waste; the waste shall be:
 1. packaged according to the recommendations provided by the manufacturer and
 2. loaded into the chamber so as to not exceed the capacity limits set by the manufacturer
 - B. When subjecting waste to steam under pressure, the temperature in the chamber of the autoclave must reach at least 121 degrees Celsius and there must be at least 15 pounds per square inch gauge pressure for at least 30 minutes, and
 - C. The autoclave must be operated according to the manufacturer's instructions.
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Labeling
that
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For proper disposal in the landfill, label autoclave bags with commercially available autoclave tape produces **“dark diagonal lines”** or the word **“autoclaved”** upon adequate thermal treatment. Apply tape across the biohazard symbol on the bag before autoclaving.

Records

A written record must be maintained by each lab/clinic that shows the following information for each batch of waste treated:

- Date of treatment,
 - Amount of waste treated,
 - Method/conditions of treatment,
 - Name (printed) and initials of person(s) performing treatment, and
 - Written procedure for the operation.
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Testing

A minimum of 99.99 % reduction of active microorganisms shall be demonstrated on a weekly performance test of autoclaves. Testing should be with biological indicators that contain commercially available microorganism (i.e. strips or vials of bacillus species endospores or PyMaH Corp. SteriGage Steam Integrator).