AUTOCLAVING PROCEDURES

The following is the autoclaving ,sterilization, and disposal, **standard operating procedure** used by the Pathobiology Department University of Guelph

1. Biological materials are collected into clear autoclave bags (which will withstand autoclaving to 270 F/132 C for one hour).
2. Sharps, needles, capillary pipettes, blood collection tubes, pasture pipettes , broken glass ….use yellow sharps containers.
3. To designate the origin of the biological waste , the department and room number or faculty label is attached to each bag , bucket (corner only) or sharps container
4. Glass and plastic disposable serological pipettes are autoclaved in separate plastic and metal trays respectively…**Please do not discard our reusable serological pipettes** , ensure that they are covered with disinfectant, and that they are not allowed to dry out in your labs prior to delivery to room 1130 Pathobiology
5. Please loosen all caps on bottles ,remove all marker with alcohol, and all labels
6. The material is autoclaved in the Medallion 24’ x 36’ autoclave (SIN740813-6) for one hour (liquid cycle) at 270 F /132 C followed by waste accounting ,streaming, and sorting for subsequent washing of glassware
7. If blood is noted… these waste products are placed in black bags, labeled, taken to a special locked dumpster and picked up for subsequent burial in a designated place at the municipal dump site
8. Otherwise, autoclaved materials are drained, placed in black bags, then in buckets, for disposal by the housekeeping to the routine waste dumpsters behind building # 49 (Pathobiology)
9. The pen recordings of the autoclave runs (noting the time and temperature) are kept as a record of the loads processed. An Attest ampoule is run weekly with a control and incubated a 56 C overnight. Preventative maintenance is done on the autoclave 4 x per year
10. Any questions?….see Bob Watson Room 1122 Pathobiology X 54763

OVERFILLED SHARPS CONTAINERS
BAG WEIGHT RESTRICTIONS
PIPETTES
NO MIXING PLASTIC/GLASS – GARBAGE STREAMING