

SOP: **EQ-06**

Title: **Operation & Maintenance of the Primus PSS5-G-MEDD Sterilizers Serial Number 17207 & 17208**

SOP Last Revision Date:
14JUL09

PURPOSE

The purpose of this Standard Operating Procedure (SOP) is to describe the operation & maintenance procedures for the Primus PSS5-G-MEDD Autoclave. This SOP applies to both autoclaves at the Laboratory Animal Research Core's Hospital Hill Facility on the campus of the University of Missouri-Kansas City.

POLICY

It is LARC policy to meet or exceed all federal, state, local regulations and institutional policies/procedures as they apply to the use of animals in research. Personnel must attend any applicable training in animal care and use, occupational health and safety, equipment operation, and Standard Operating Procedures prior to performing activities outlined in this SOP or work under the direct supervision of a trained LARC staff member.

REFERENCES

- A.** Laboratory Animal Research Core Personnel
- B.** Primus PSS5-G-MEDD Autoclave Manual

PROCEDURES

A. Loading

- a. Press "ON" to turn on autoclave
- b. Press "DOOR" to open door
- c. Insert transfer carriage with material into autoclave
- d. Press "DOOR" and hold button until door closes completely
- e. Press cycle number to be ran:
 - i. Cycle Number 1 = Vacuum (anything other than liquids)
 - ii. Cycle Number 2 = Liquid (e.g. filled water bottles)
- f. Press "START"

B. Unloading

- a. When cycle is complete the "COMPLETE" light will illuminate
- b. Press "DOOR"
- c. Using autoclave heat resistant gloves, unload materials using transfer carriage
- d. Press "DOOR" and hold button until door closes completely

C. Warning

- a. **WARNING:** contents are extremely hot after autoclave cycle, therefore take precaution when loading and unloading materials. Materials should never be loaded or unloaded on the Dirty Side Cage Wash.

D. Maintenance & Documentation

- a. If there are mechanical issues with the autoclave operating properly, notify LARC manager or designee
- b. All maintenance will be performed by experience professionals designated by LARC Management
- c. All cycles are to be ran with a designated temperature indicator and the results documented on the Autoclave Record