



Standard Operating Procedure

HOT AIR OVEN

Make/Model: Osworld Scientific Equipments Pvt. Ltd. Mumbai

Location: Pharmaceutical Microbiology Lab 3

SOP Number:

Prepared date:

Review date:

PURPOSE:

Hot air oven is used to sterilize glassware, metallic instruments, thermostable solids and liquids.

PROCEDURE:

1. Load the properly packed material to be sterilized within the oven,
2. Close the door.
3. Connect the plug to the power source and switch on the power.
4. Switch on the mains of oven.
5. LED lamp for the power indicator will glow
6. Set required temperature (160°C for 2 hours for sterilization of glassware) using temperature adjustment knobs.
7. Heaters will start, the LED for heating will start glowing and the temperature rises steadily to the Set temperature.
8. Note the time at which the set temperature is reached.
9. After completion of sterilization, switch off the MAINS and the power source.

CLEANING:

- Wipe the surface, walls, top, bottom and trays of the oven with dry lint free cloth on the daily basis so that there will be no dust particles in the oven
- Wipe all the parts and the outer surface of the Oven with wet lint free cloth soaked in purified water, on weekly basis and fill the cleaning record.

CLEANING FREQUENCY

- Once a Week



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