Quincy Lab 51-550 with floor cabinet

Location of Machine: RFM 1220

Location of SOP: Composites Lab website under resources; Composites Lab TRACS site; and Hardcopy near machine.

Emergency Contact:

- Call 911
- Call EHS & Risk Management at 512-245-3616
- Call Head Lab Technician, Dr. Ray Cook (office 512-245-2050)
- Call Dr. Jitendra S Tate (office 512-245-4872)

Before using this machine:

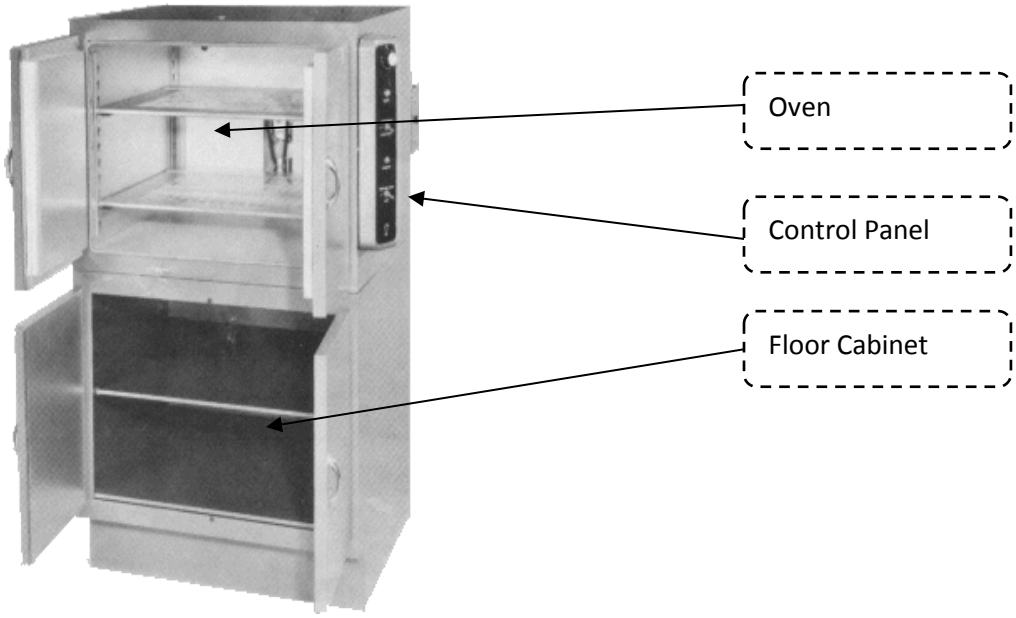
- You must have permission from Dr. Tate.
- You must have received formal training from technician or, trained research student (designated by Dr. Tate) related to machine safety and operation.
- You must read and understand **SOP and Machine Operating & Safety Manual.**
- You must use this machine under direct supervision of Dr. Tate or, Dr. Cook or, trained research student (designated by Dr. Tate).
- You must have signed "Lab Rules" document with Dr. Tate. This document must be signed every semester fall, spring, and summer (as applicable).
- If you do NOT follow above instructions you will be held responsible for your own safety and damages.

Safety Precautions:

Protective Equipment: Prior to performing this procedure, the following personal protective equipment must be obtained and ready for use: **Acid/Heat Resistant Gloves, Safety Goggles, Lab Coat, Face mask.**

Important Safeguards:

1. To avoid explosion, glassware that has been rinsed with an organic solvent should be rinsed with distilled water before use in oven.
2. Be cautious of chemicals that might pose a hazard because of acute or chronic toxicity. The following safety equipment must be accessible and ready for use: (e.g. chemical fume hood, biological safety cabinet, laminar flow hood, chemical spill kits) **Exhaust system or/and respirators for toxic material.**
3. In the event that a hazardous material spills during a procedure, be prepared to execute the following emergency procedure: **Clean with cleaner according to MSDS of materials used.**
4. This procedure will result in the follow regulated waste which must be disposed of in compliance with environmental regulations



General Information

The Quincy Lab 51-500 is a bench oven with max operating temperature of 287° C (550° F) controlled by a hydraulic thermostat. The inside dimensions (in inches) of the oven are 25.5W X 20H X 22.5D.

Specifications:

-Temperature Maximum 550ºF (287ºC)
-Capacity 6.60cc (186L)
-Shelves (1-1/2” Centers) Max weight(80lbs/shelf)

Standard Operating Procedure	
Inserting materials a. Open Oven b. Place Materials Inside c. Note: You can change height of the shelves use different trays (stored in the floor cabinet), hang materials on the wire inside the oven d. Close oven	
Turning on a. Plug in the power cord to the wall outlet b. Set thermostat to a desired temperature c. Turn on (up position) power switch on the bottom of the control panel d. Turn on (up position) the fan on the middle of the control panel	
Turning off a. Turn off (low position) the power b. Turn off (low position) the fan c. Unplug the power cord	

Removing materials a. Open oven b. Be careful: Material can be hot, Use gloves (stored in the floor cabinet) c. Remove materials d. Close oven