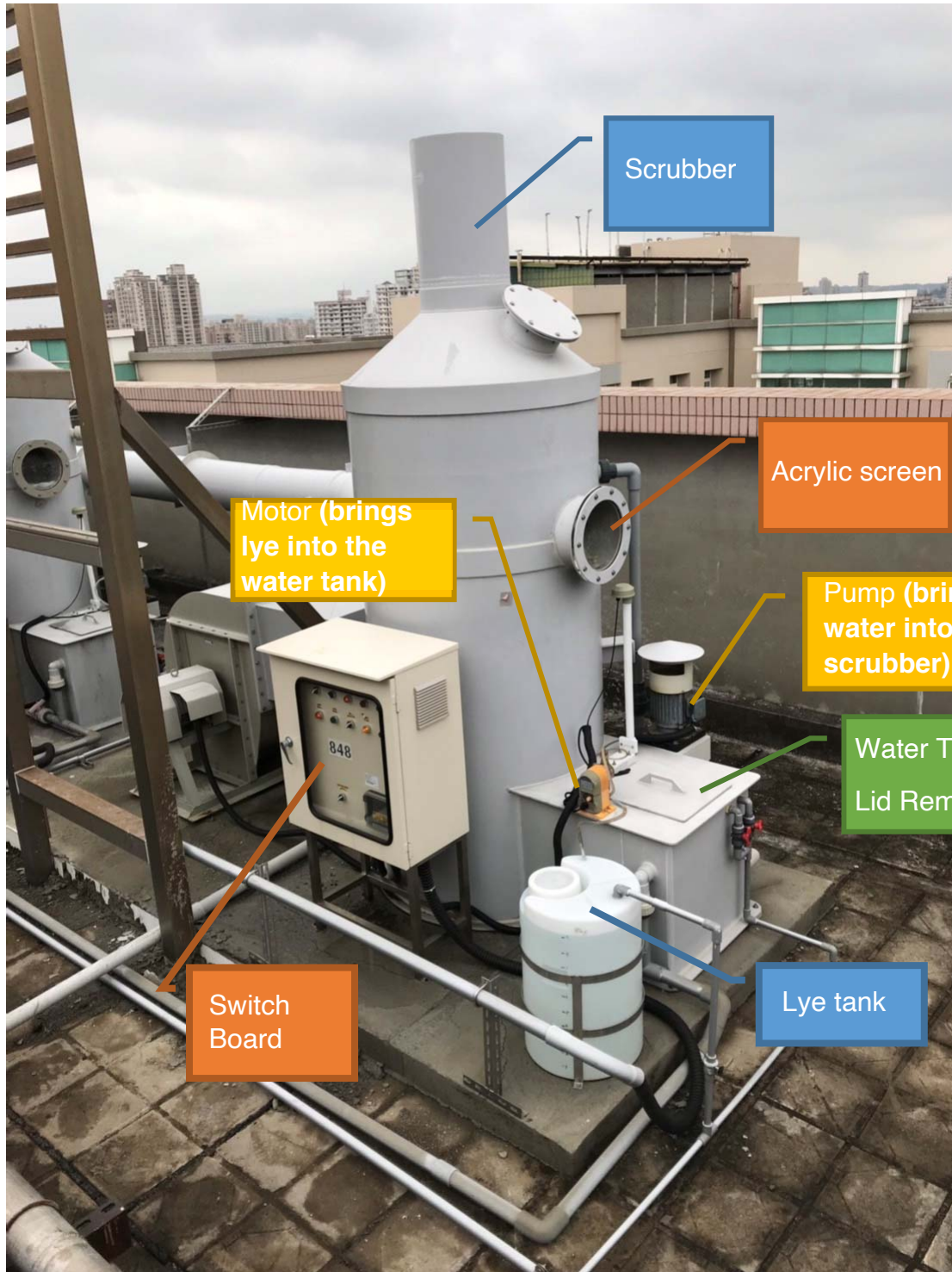
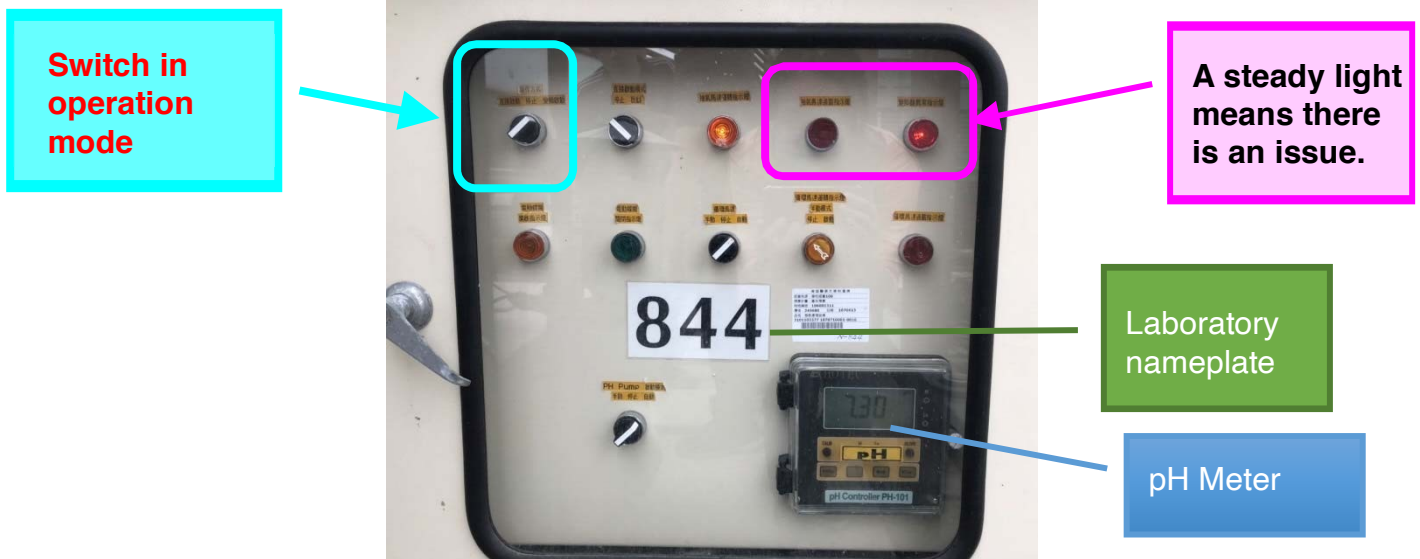


# Exhaust Gas Disposal System “Water Tank Cleaning” Manual

## I. Exhaust Gas Disposal System



● Switch Board



● Water Tank



**Standing by the water tank, facing the scrubber.**

※**Water tank inlet valves**: on the frontside of the water tank. (There are 2 inlet valves; the one on the left is connected to a float to measure water level, while the other one is for water passage only.)

※**Water tank outlet**: to the left of the water tank.

※**Scrubber inlet**: to the right of the water tank.

## II. Cleaning Procedure

1. Turn the “operation mode switch” in the upper-left corner of the switch board to “stop” in the middle. The fume hood in the laboratory will turn off now.
2. Remove the divider from the water tank; take note of its direction before removing it.
3. Fish any floating substance out of the water tank. Rinse the divider if it is dirty.
4. Close the **water inlet into the scrubber**. Make sure the handle is at a right angle to the pipe after you close the inlet.



5. Close the **water tank inlets**. (There are 2 inlet valves; the one on the left is connected to a float to measure water level, while the



other one is for water passage only.)

6. Make sure to close the valves from step 4 and 5 (make sure the handles are at the right angle to the pipe) before opening the **water tank outlet** (the handle should align with the pipe) to drain the water tank. The duration of the drainage depends on the liquid's thickness inside the water tank, as well as on whether the pipe gets clogged.
7. After the water tank is free of water, remove the dregs and scrub the interior of the tank.
8. Afterwards, close the **water tank outlet**, and open both **water tank inlets** to start filling the tank.
9. Restore the cleansed divider to the water tank.

※Note: the divider can be inserted only in a certain direction.

After the water in the tank reaches its usual level, close the water inlet valve on the right (which serves to let in water only) while the one the left (which is connected to the float) stays open. Open the **scrubber inlet** (the handle should align with the pipe).

Turn the “operation mode switch” in the upper-left corner of the switch board to “variable frequency control” on the right. The fume hood in the laboratory should turn on now.

Bag the fished-out waste and dregs and throw them into the trash cans on your floor. Do not leave them on the roof.