



# IIT Bombay Nanofabrication Facility

## Tool Name: Nano Wet Bench

### Standard Operating System (SOP)

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#### Tool's Overview



## Checklist (Before starting the tool)

1. Turn ON the Exhaust switch (Green color) behind the wet bench.
2. Turn ON the main switch (for light and blower of the fume hood)
3. Turn ON lights and blower switches (wet bench itself).
4. Request Facility to start the N2 Cylinder
5. Wear Hand gloves, Face mask & Goggles.
6. Avoid leaving samples/chemicals on bench for longer durations.
7. Cover the wet bench with sash while using exhaust. (Exhaust will be less effective if sash is open)
8. Clean the wet bench after the use.



## Shut down procedure

1. Turn OFF the lights and blowers (wet bench itself)
2. Turn OFF the Main switch of the lights & blowers
3. Turn OFF the Exhaust (behind the wet bench)

## Instructions

1. Do not dispose the used chemicals in the sink.
2. Check for the availability of a particular used chemical bottle & then start the process.
3. Rinse Petri and Teflon dishes at least thrice with DI water before and after the process and place those back in their appropriate boxes.
4. Used chemicals to be transferred into their respective 'used chemical' bottle carefully.
5. The usage of chemical warning form is compulsory if one is leaving his/ her chemicals on the work bench.

## **Violation Policy**

1. Presence of buddy is mandatory
2. If anyone violating the following Instructions and SOP will be punished.