



**SECURITY PROTOCOL OF THE
CIVIL ENGINEERING LABORATORIES**

LIMA PERU

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In the Soil Mechanics and Materials Laboratory of the Faculty of Civil Engineering and Architecture, different equipment, supplies and implements are handled that in one way or another facilitate the development of practices. The management and use of each of them is the responsibility of the student group involved in carrying out the tests and the proper use facilitates the benefit of all and avoids, in many cases, accidents within the laboratory.

For the laboratory work to be as efficient as possible and really support the academic activity that is carried out, it is recommended to follow the following recommendations:

1. Read previously the guides delivered on the class that will be developed and plan appropriately the work to be carried out in the Laboratory.
2. Fill punctually and with total availability to the practices in Laboratory.
3. Observe and respect safety regulations.
 - Maintain order and cleanliness in the Laboratory.
 - Smoking is strictly prohibited in this area.
 - The work area, devices, equipment and tools must always be clean
 - Avoid cluttering the area where you are working with unnecessary material and/or equipment.
 - Make use of the Laboratory equipment as long as the Professor or Supervisor is supervising it.
 - Properly use the different supplies, equipment and instruments of Laboratories and return them clean and in good condition at the end of each practice.
 - When you are going to proceed with materials for an essay, use what is due.
 - Before starting a certain test, I evaluated and studied the risk of said activity to then execute it, guaranteeing a safe operation using their EPPS.
 - Personal Protective Equipment (EPPS)
Mandatory PPE: Shoes with metal toes, canvas gloves or Jebe, Jeans pants, Safety glasses.
Optional PPE: ear plugs, masks or respirators.
 - Carefully read the instructions of each existing equipment in the Laboratory
 - Do not start or let someone else run a test if you are not wearing the necessary Personal Protective Equipment.
 - Use an apron to avoid direct contact with samples of soil, concrete, asphalt or other types of residue.
 - Do not eat food inside the laboratory during the development of practices.

- Immediately clean up any spilled material. Do not throw the rest of the sample on the floor.
- Do not use the Laboratory tables to sit on.
- Be careful when handling faucets and valves.
- Check that the electrical connections are unplugged to avoid a short circuit and make sure that you have closed all the water taps.
- Be very careful with the handling of the keys and valve.
- Dispose of solid waste in a container designated for this purpose.
- Wash your hand before leaving the Laboratory.

4. Know the location and use of exteriors and the Laboratory's first-aid kit.
5. Have fully identified evacuation routes.