



**The University of Jordan
School of Engineering
Department of Civil Engineering**



Properties of concrete laboratory

Laboratory Safety Rules and Guideline

1. Footwear:

- **Closed-Toe Shoes:** Open-toe shoes, sandals, and flip-flops are strictly prohibited in the lab. Wear closed-toe, sturdy footwear to protect your feet from falling objects or spills.

2. Eye Protection:

- **Safety Goggles:** Always wear safety goggles with side shields while in the lab. Goggles are essential to shield your eyes from dust, concrete particles, or chemical splashes.

3. No Eating or Drinking:

- **No Food or Drinks:** Eating, drinking, and chewing gum are not permitted in the lab. This rule prevents contamination and reduces the risk of accidental ingestion of hazardous substances.

4. Follow Instructions:

- **Instructor Guidance:** Follow all instructions provided by your instructor or lab supervisor. Seek clarification if you are unsure about any aspect of the lab activities.

- **Chemical Safety:**

If you're working with chemicals in the lab, handle them with care and follow the specific instructions provided for their use.



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6. Equipment Familiarity:

- Equipment Usage : Familiarize yourself with the lab equipment and tools before use. Never use equipment without proper training or supervision.

7. Emergency Procedures:

- Know Emergency Exits: Be aware of the location of emergency exits and the evacuation plan for the concrete lab.
- Spill Response: If you encounter a spill, report it immediately to your instructor and follow their instructions for cleanup and containment.
- Injury Response: Report any injuries, no matter how minor, to your instructor promptly. First aid supplies are available in the lab for minor injuries.

8. Personal Protective Equipment (PPE):

- Gloves: Depending on the specific tasks, your instructor may require the use of gloves. Follow their guidance on when to wear gloves and what type to use.

9. Work as a Team:

- Collaboration: If working in groups, maintain good communication and teamwork. Look out for each other's safety.