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NEAR EAST UNIVERSITY FACULTY OF ENGINEERING

GENERALCHEMISTRY LABORA TORY MANUAL

Third Edition

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**LABORA TORY RULES**

1. Only authorized experiments may be conducted.
2. Report all accidents, even rninor ones, to your lab asistants.
3. Wear a laboratory coat to protect your clothes from corrosive chernicals.
4. Never taste or smell chernicals unless instructed to do so. When you must smell, take a small sniff, do not inhale.
5. If corrosive chernicals touch your skin, wash immediately with plenty of water.
6. Use care when handling acids and bases. When pouring them down the sink, flush with plenty of

water. Never pour water into concentrated acids and bases; always add acid or base to water.

1. When heating, never look directly down a test tube and never point its open end at another person.
2. Never handle two substances with the same spatula.
3. Always maintain a clean work area in the laboratory. At the end of each period, wash glassware with water and a cleaner if needed.

10. Do not put matches, paper, broken glass, or insoluble materials into the sinks.

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1. 









Top loading balance



LABORATORY EQUIPMENT

Erfenmeyer flasks



1. 

Test tubes



Büchner funnel



Watch glass



Graduated cylinders

1. 

Volumetric flask

1. 

Crucible with cover

Thermometer

1. 





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Triangular file



Stirring rod

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Cru<:ible tonga

Bottle brush

1. 

Medlclne dropper

Wlregauze

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1. 



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