



Textile Testing and Quality Lab
Department of Textile Engineering
Ahsanullah University of Science and Technology (AUST)

General Lab Safety Rules

Wear PPE: Face mask and closed-toe shoes are mandatory. Wear lab coat, closed shoes, and safety goggles as appropriate

No unauthorized entry: Only authorized students and staffs are allowed in the lab.

Keep distance from moving parts: The students should keep a safe distance from the moving parts of any machine.

Keep workspace clean: The laboratory environment should be kept neat and clean by avoiding spattering fiber, yarn or fabric fragments over the floor.

No Eating or Drinking: Food and drinks are strictly prohibited to avoid contamination.

Safety Procedures for Specific Equipment

Crimp Tester, Wet and Dry Bulb Hygrometer

Ensure the sample is firmly clamped to avoid slippage.

Keep fingers and loose clothing away from moving jaws or needles.

Do not exceed the recommended load limits for the machine.

Check for proper alignment before starting the test.

Titan Universal Strength Tester

Stop the machine immediately if unusual noise or vibration occurs.

Do not attempt repairs unless authorized and trained.

Shirley Trash Analyzer:

Avoid loose fibers near moving parts to prevent inhalation.

Secure covers before starting the operation.

Clean trays and filters regularly to avoid blockages.

Accident and Health Hazard Provisions

First Aid Kit: Familiarize yourself with its location and basic first aid procedures.

Fire Safety: Know the emergency exits and fire alarm locations. Evacuate immediately if a fire cannot be controlled.

Incident Reporting: Report accidents immediately to the lab in-charge. Investigations will be conducted to prevent future incidents.

Lab Contact Information

Lab in-charge: Iffat Ara Anannya

Emergency Contact: [LA: 01680675058, 01736510938]

REMEMBER: Safety First! Always adhere to lab safety protocols.



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Safety Procedures for Specific equipment

Martindale Abrasion & Pilling Tester, Crock Meter, Fineness Meter, Hydraulic Bursting Strength Tester

Never open the test chamber while under pressure.

Stand clear during the test to avoid accidental bursts.

Inspect hoses and seals regularly for wear.

Release pressure fully before removing the specimen.

Keep hair, jewelry, and clothing away from rotating disks.

Ensure test heads are firmly secured before starting.

Comb Sorter, Wrap Reel, Cusick Drape Tester, Shirley Stiffness Tester

Keep fingers away from moving clamps and levers.

Ensure specimen is properly aligned before testing.

Never exceed machine load capacity.

Check the device for loose parts before operation.