



Fabric Manufacturing Laboratory- 02

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.

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

V-bed Knitting machine:

Do not insert hands into the knitting area.

Verify yarn path, tension, and feeder positions before operation.

Use the emergency stop button if needed.

Keep hands and clothing clear of moving parts.

Rapier Loom:

Check the loom before running.

Verify that warp beams, weft packages, and droppers are properly installed.

Remove unnecessary objects from the loom area.

Always maintain a safe distance from the loom.

Shuttle loom:

Check the loom before running.

Remove unnecessary objects from the loom area.

Keep hands away from moving sley, reed, and shuttle path and alert for flying shuttle accidents.

Always maintain a safe distance from the loom.

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: Nasrin Akter

Emergency Contact: [LA: 01815633917, 01716608043, AAO: 01714720195]

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