

ASB9800-lab 1

Lab rolls and equipment handling

ASB9800-Lab 1 Instrument Test Lead & Cable Handling

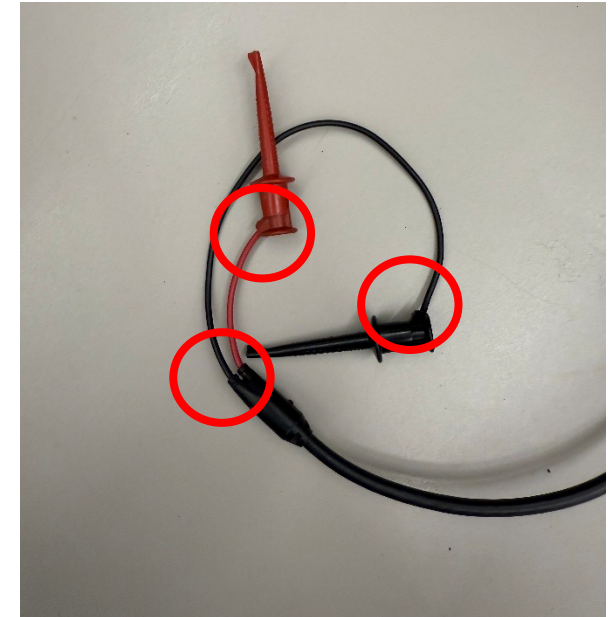
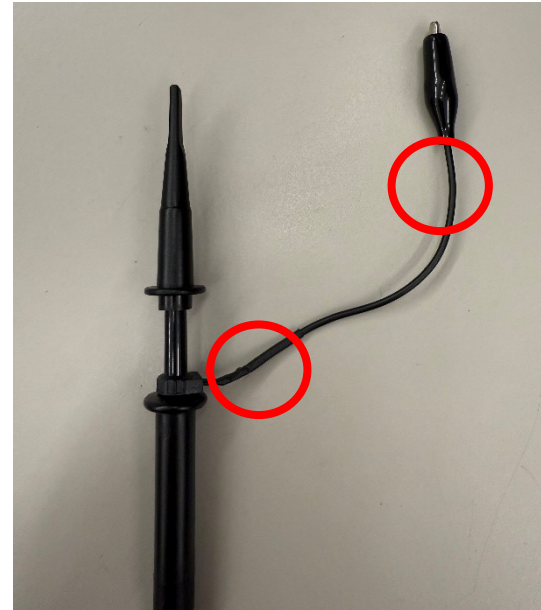
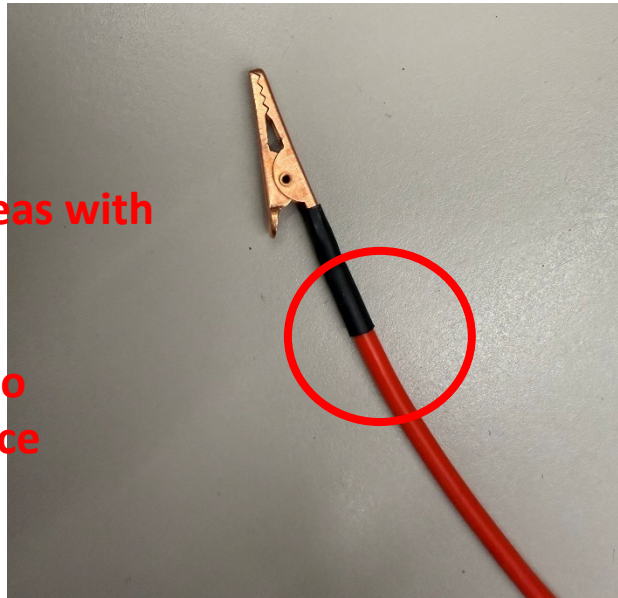
Proper Handling of Cables and Test Leads

- **Avoid sharp bends, kinks, or crushing:** These can permanently damage the internal conductors, causing poor signal transmission or safety hazards.
- **Grip connectors when plugging/unplugging:** Always hold alligator clips, hook clips, or connectors directly—never pull by the wire.
- **Do not overstretch or twist cables:** Strain weakens insulation and may lead to exposed conductors.
- **Coil cables loosely in large loops:** Before leaving, coil neatly to extend cable life and keep the workspace organized.

Fragile spots:

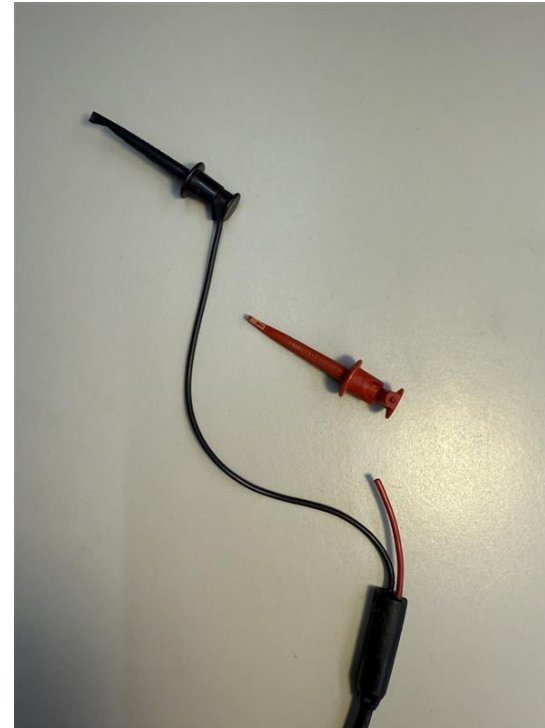
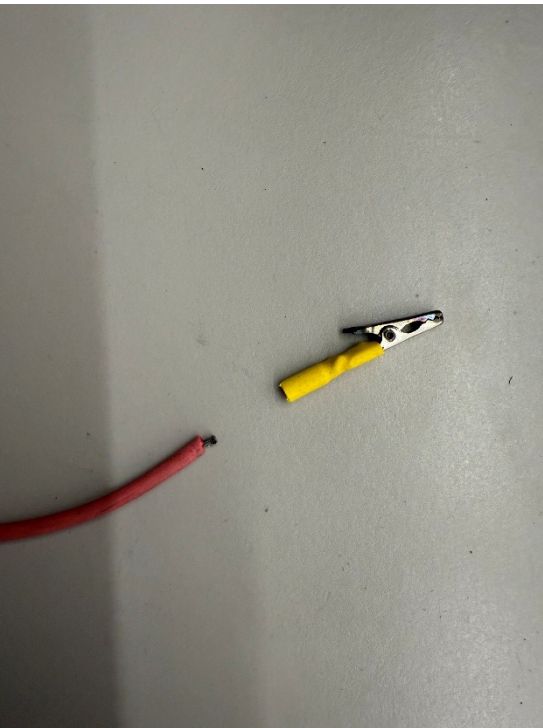
Handle these circled areas with extra caution

They are not designed to withstand excessive force



ASB9800-Lab 1 Instrument Test Lead & Cable Handling

Examples of damaged cables



ASB9800-Lab 1 Instrument Test Lead & Cable Handling

Report Damaged Cables

- Report damaged cable to the lab staff or leave a repair tag at the workstation
- Repair tags are available outside of ASB 9850



SFU School of Engineering Science

Please supply all details in case this tag becomes separated from defective item.

REPAIR TAG

Workstation #: _____ (Other) _____

Item Description/Type: _____

Manufacturer Name: _____

Model #: _____ SFU Decal #: _____

Date: yyyy-mm-dd ____ - ____ - ____

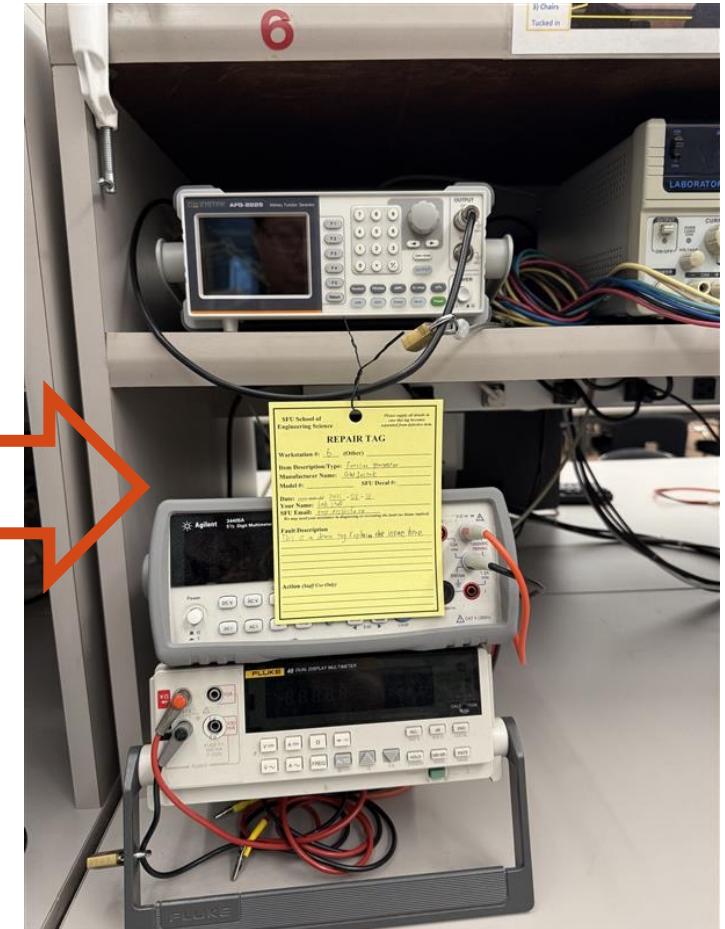
Your Name: _____

SFU Email: _____

We need your assistance in diagnosing or recreating the fault (no blame implied)

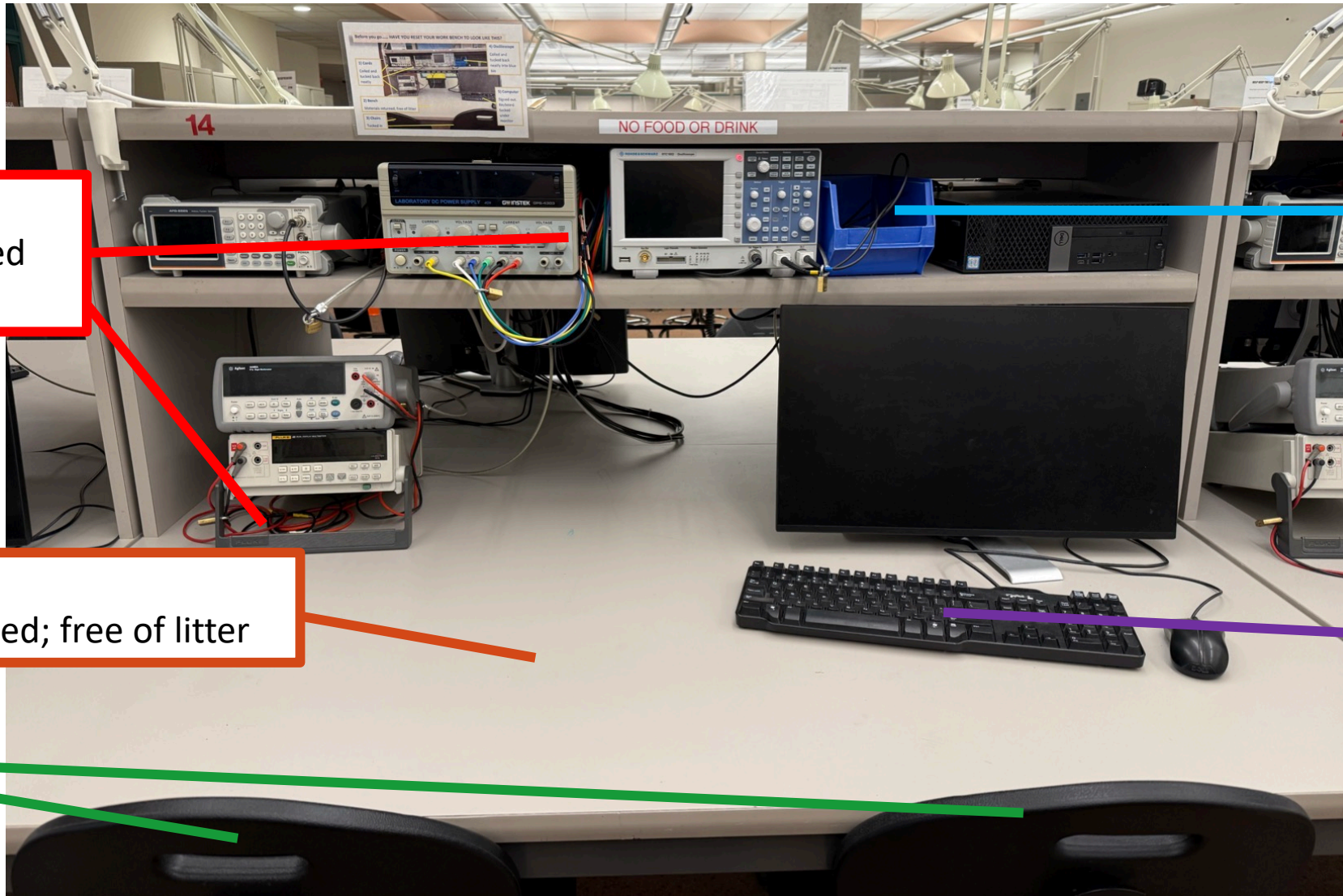
Fault Description

Action (Staff Use Only)



ASB9800-Lab 1 Instrument Test Lead & Cable Handling

Before you go.... HAVE YOU RESET YOUR WORK BENCH TO LOOK LIKE THIS?



1) Cords
Coiled and tucked
back neatly

4) Oscilloscope
Coiled and tucked back
neatly into blue bin

5) Computer
Signed out. Keyboard
tucked in front of the
monitor

2) Bench
Materials returned; free of litter

3) Chairs
Tucked in

