

57:020 Fluids Mechanics Experimental Laboratory Safety Guides

Experimental fluid dynamic (EFD) laboratory is located with a large research facility and a mechanic shop that supports the University of Iowa engineering related research. Students should pay attention to the ongoing experiments within the EFD laboratory surrounding. Students should read and follow the laboratory safety guidelines.

Think Safety

- Be very careful and aware of the surrounding research experiments.
- Be mentally alert, always read the safety instructions and pay attention to safety signs.
- Ask lab instructors if you are not sure about what to do.

Lab Safety Instructions:

- 1) All lab experiments require a closed toe shoes.
- 2) Always maintain awareness of the surrounding activities and walk in aisles to the extent possible.
- 3) Maintain clean and orderly laboratories and work area. Discard immediately unwanted items. Leave coats, books and note books in the lecture room. Make sure all spilled liquids are wiped up immediately.
- 4) Students are responsible for maintaining work area in a safe and reasonable condition.
- 5) Be aware of the various experiment controls (start button, stop button, speed control) for each lab.
- 6) Be aware of the computer and experiment harness when conducting experiments.
- 7) Wear safety eyewear when needed.
- 8) Do not leave experiments running unattended.
- 9) Any injuries should be reported immediately for proper care.