Structural Testing Laboratory and West Campus Structural Testing Laboratory Safety Policy

Because of the nature of the work (e.g., testing, research, projects, etc.) carried out in these laboratories, in addition to Items A through G in the CEAE Laboratory Safety Policy, the following must be observed:

1. Use ANSI/OSHA-compliant hard hats in the designated areas. Specifications for wearing hard hats indicate that the suspension of the hat must fit properly on the nape of the neck and that the brow of the cap must fit snugly on the forehead.

2. The operation of forklifts, scissor lifts, overhead cranes, MTS actuators, and some power tools, is strictly restricted. Only those who have been trained in their use, as indicated below, are authorized to use them.

3. These laboratories are equipped with overhead cranes. Although these cranes must only be operated by those who have been trained in their use, the following must be observed by all laboratory users:
   a. Always be aware if the crane(s) is(are) in operation.
   b. Never stand directly under the load being moved by the crane(s).
   c. Do not use the crane as a loading device (e.g., to apply an upward force to free or wedge structural members).
   d. Never travel a loaded or unloaded crane hook block over a person.

4. The West Campus STL is equipped with MTS hydraulic actuators. Although these actuators must only be operated by those who have been trained in their use, the following must be observed by all laboratory users:
   a. Ask and become familiar as to where all crush points (i.e., location where two objects move toward each other or when a moving object approaches a stationary one) are around the actuators and keep away from these areas.
   b. Do not disconnect any hydraulic hoses or fittings attached to MTS equipment.
   c. Alert laboratory personnel of any hydraulic fluid leaks or spills from hydraulic equipment.
   d. Only trained laboratory personnel and qualified technicians are allowed to stop leaks in hydraulic hoses and other hydraulic equipment.
   e. Some equipment housed in these laboratories requires specialized training before anyone is allowed to operate it. This equipment includes the following:
      1. Forklifts
      2. Overhead Cranes
      3. MTS Actuators
      4. Power Tools

1. SPECIALIZED TRAINING
   1. Forklifts
   2. Overhead Cranes
   3. MTS Actuators
   4. Power Tools

Only authorized students are allowed to use these items. These students must have had the appropriate training by one of the CEAE technologist before using any of these items.
Appendix A
Compliance Form
Civil, Environmental & Architectural Engineering Department

I have read and understood the guidelines and rules outlined in the Safety Protocol for the Laboratories of the Civil, Environmental & Architectural Engineering Department at the University of Kansas. I will comply with such guidelines and rules and will take full responsibility of my actions while working in the above-mentioned laboratories.

Signature: ___________________________________ Date: ________________
Name (Print): ___________________________________