ENEE 473   Electrical Machines Laboratory

Safety Rules

1. Do not touch any equipment till you make sure it is “dead”. Verify this fact before you touch any wires and/or machines. DO NOT USE YOUR HANDS TO VERIFY EQUIPMENT IS NOT LIVE!

2. Assume that every wire and circuit is “alive” till proven otherwise by checking the supply switches on your station.

3. After wiring an experiment, have it checked again by another student on your team. DO NOT SWITCH THE POWER ON.

4. Reduce all power supplies to lowest setting (usually zero voltage). Again, DO NOT SWITCH THE POWER ON.

5. Ask the instructor to check your connections and give you permission to switch the power ON.

6. Do not leave the equipment ON for a long time. If you are not using the equipment for some time, or if you are done with the experiment, TURN THE EQUIPMENT OFF. Some experiments use more than one power supply. The order of turning these supplies OFF may be very significant to the safety of the people and equipment in the lab. ASK THE INSTRUCTOR FOR THE SAFE WAY TO TURN YOUR EQUIPMENT OFF. This is particularly true in the case of some DC motors.

7. EVEN A LOW VOLTAGE CAN BE DANGEROUS! BE CAREFUL, FOLLOW ALL THESE SAFETY RULES.