PLC Safety Guidelines

Safety precautions in a PLC working environment serve to protect the human operators as well as the controller and related equipment. Always use caution when working with the JMTS system to avoid personal injury and damage to the equipment.

Be sure to adhere to the following safety guidelines:

- Ensure that all components and modules are mounted securely to the JMTS mounting panel.
- All hardware installations are to be performed by or under their supervision of the laboratory instructor or the system manager.
- All wiring connections are to be performed by or under the supervision of the laboratory instructor or system manager.
- Ensure that the JMTS Power Supply Module is connected to the rated power supply.
- Ensure that you do not short 24V DC to 0V (ground) when connecting wires. Doing so will cause the Power Supply Module to shut off. It is recommended that you prepare a circuit diagram before making an actual connection.
- If your experiment package includes the JMTS DC Servo Motor Module, do not touch or tamper with the module, especially when the motor is in motion.
- If your experiment package includes the JMTS DC Solenoid Module, do not tamper with the solenoid or the limit switch.
- Make sure hands, hair, and clothing are securely away from the working area of any devices.
- To immediately halt all system operation, switch OFF the JMTS Power Supply Module.
- Maintain a clean work area at all times.
- Keep food and drink away from the work area.
- Read all directions before starting a task.
- If you are unsure of the operation of a system, talk to your instructor before operating any equipment.

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