Lockout Procedure - TMC Production Power
May 2024

A. General

This procedure has been developed to assist employees who are providing production power for events, performing repairs on transformers/electrical disconnects or performing routine maintenance. The primary hazard when working on this type of equipment is electrical power at the main disconnect, transformer, secondary disconnects and cam locks, which need to be locked out (when required) to prevent injury.

B. Compliance with This Program

All employees who provide production power or work on transformers and disconnects are required to comply with the restrictions and limitations imposed during the use of lockout.

Authorized personnel are required to perform lockout in accordance with this procedure. Authorized personnel in this case are electricians who have authority to shut down disconnects and perform lockout.

C. Sequence of Lockout – Authorized Employee

(1) Notify the individuals listed below that work will be performed on the transformers, disconnects or cam locks and that the equipment must be shut down and locked out.

a. Those working in the area
b. TMC Electrical Shop Supervisor
c. Event Production Head Electrician

(2) Identify the location, type and magnitude of electricity supplied to the disconnects and transformers. Understand the hazards associated with electricity and methods to control it.

The following power is supplied to main disconnects, transformers and secondary disconnects:

Main Disconnect - Electrical Hazard
Lockout (480 volts, 3 phase power)

Transformer - Electrical Hazard
Lockout (480 volts, 3 phase power
to 120/208 volt, 3 phase power)

Secondary Disconnects - Electrical Hazard
Lockout (120 volts/208 volts, three phase)

(3) Identify the main disconnect, transformer, secondary disconnects and cam locks at the location that will be used to provide power for the event and/or require servicing or maintenance.

(4) Go to the main disconnect or secondary disconnects and deactivate power by pulling the breaker handle down to the “off” position.

(5) Test that power has been deactivated on the main disconnect by using a voltmeter to check:

(3) Notify those in Section C-