



RAA-ONE
GROUP

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NATIONAL UNIVERISTY **HOSPITAL**

METHOD OF STATEMENT **FOR ISOLATION ELECTRICAL** **SYSTEM**

Method of Statement for Electrical Isolation

Electrical Isolation means the disconnecting of the electrical supply to electrical installation, appliance, machinery, plant or equipment for safety prospective. Such type of isolation is conducted by particular operating devices that have been given within the electrical installation for isolation to make the electrical system functional, or dead. Once the electrical supply to electrical installation has been isolated, the sources of isolation must then be protected so that the appliance, machinery, plant or equipment cannot be negligently made life.

All means of electrical supply must be isolated and appliance, machinery, plant or equipment proved to be non-functional or dead prior work is conducted. The Electricity at Work Regulations within a state or country where an organization operates the business, it needs the isolation of appliance, machinery, plant or equipment systems to avoid dangerous occurrences. All appliance, machinery, plant or equipment must be non-functional prior installation or maintenance is conducted, and a system that is part of an electrical installation, appliance, machinery, plant or equipment from the source of supply to the equipment installed.

PROCEDURE OF ELECTRICAL ISOLATION ARE:

1. Obtain permission to start work (a Permit may be required in some situations)
2. Identify the source(s) of supply using an approved voltage indicator or test lamp
3. Prove that the approved voltage indicator or test lamp is functioning correctly
4. Isolate the supply(s)
5. Secure the isolation
6. Prove the system/equipment is DEAD using an approved voltage indicator or test lamp
7. Prove that the approved voltage indicator or test lamp is functioning correctly.
- 8.
9. Put up warning signs to tell other people that the electrical installation has been isolated.
10. Once the system/equipment is proved DEAD, work can begin.