

- FMS.29.1.9 Boilers.
- FMS.29.1.10 Plumbing.
- FMS.29.1.11 Low current and communication system.
- FMS.29.1.12 Pavement and ground.
- FMS.29.1.13 Hospital building and ancillaries.
- FMS.29.2 The hospital ensures all maintenance works are conducted by qualified and trained staff.

### **FMS.30 The hospital ensures electrical safety.**

- FMS.30.1 The electrical outlets are identified for:
  - FMS.30.1.1 Voltage (110/220).
  - FMS.30.1.2 Source (essential/prime).
- FMS.30.2 Thermal inspection of circuit breakers is annually conducted for:
  - FMS.30.2.1 Operating Room.
  - FMS.30.2.2 Laboratory.
  - FMS.30.2.3 Critical care units.
  - FMS.30.2.4 Alarm system.
  - FMS.30.2.5 Blood storage.
  - FMS.30.2.6 Medical gas system.
- FMS.30.3 There is an earthing system in the roof top and sockets used for medical equipment.

### **FMS.31 The hospital ensures that emergency power covers the critical areas in case of failure.**

- FMS.31.1 The hospital has an emergency power that covers at least the following critical areas:
  - FMS.31.1.1 Operating room.
  - FMS.31.1.2 Labor and delivery.
  - FMS.31.1.3 Critical care units.
  - FMS.31.1.4 Alarm system.
  - FMS.31.1.5 Fire pumps
  - FMS.31.1.6 Blood storage.
  - FMS.31.1.7 Medical gas system.
  - FMS.31.1.8 Refrigerators in the pharmacy, laboratory, medical store, and kitchen.
  - FMS.31.1.9 Elevators.
  - FMS.31.1.10 Escape routes/corridors.
  - FMS.31.1.11 Morgue.
  - FMS.31.1.12 Medications stores.
  - FMS.31.1.13 Emergency room.
- FMS.31.2 The hospital ensures the readiness of its emergency power generator(s).
  - FMS.31.2.1 The hospital maintains its generator(s) on a periodic basis. The maintenance results are documented.
  - FMS.31.2.2 The hospital performs weekly test without load for ten minutes.
  - FMS.31.2.3 The hospital performs monthly on load test for thirty minutes.
  - FMS.31.2.4 The hospital performs full load test every three years on external load.
  - FMS.31.2.5 The hospital generator starts normally without load for ten minutes.