

### **FMS.34** There is a periodic preventive maintenance plan for heating, ventilating, and air- conditioning.

- FMS.34.1 There is a periodic preventive maintenance (PPM) plan for heating, ventilating, and air-conditioning (HVAC) that is supported by trained and specialized staff/contractor.
- FMS.34.2 The HVAC maintenance records are maintained.
- FMS.34.3 The HVAC is maintained to control the air quality by:
  - FMS.34.3.1 Cleaning /replacement of filters.
  - FMS.34.3.2 Cleaning of diffuser.
  - FMS.34.3.3 Cleaning of ducts.
- FMS.34.4 HEPA filters are monitored on a monthly basis and the results are documented.
- FMS.34.5 Air change per hour is maintained as per national and international guidelines (e.g., American Society of Heating, Refrigerating & Air-Conditioning Engineers, ASHRAE).

### **FMS.35** The hospital ensures proper air flows (positive, negative, balanced) in the required locations.

- FMS.35.1 Appropriate air flows (positive, negative, balanced) are established and monitored in operating room(s).
- FMS.35.2 Appropriate air flows (positive, negative, balanced) are established and monitored in labor and delivery.
- FMS.35.3 Appropriate air flows (positive, negative, balanced) are established and monitored in isolation room(s).
- FMS.35.4 Appropriate air flows (positive, negative, balanced) are established and monitored in critical care unit(s).
- FMS.35.5 Appropriate air flows (positive, negative, balanced) are established and monitored in clean and dirty utility.
- FMS.35.6 Appropriate air flows (positive, negative, balanced) are established and monitored in janitorial closet.
- FMS.35.7 Appropriate air flows (positive, negative, balanced) are established and monitored in the laboratory.
- FMS.35.8 Appropriate air flows (positive, negative, balanced) are established and monitored in triage and trauma management areas.
- FMS.35.9 Appropriate air flows (positive, negative, balanced) are established and monitored in the central sterilization and supply department.

### **FMS.36** The hospital provides appropriate control of temperature and humidity in the required locations.

- FMS.36.1 Temperature and humidity are controlled and regularly monitored in operating and recovery room(s).
- FMS.36.2 Temperature and humidity are controlled and regularly monitored in nursery.
- FMS.36.3 Temperature and humidity are controlled and regularly monitored in critical care unit(s).
- FMS.36.4 Temperature and humidity are controlled and regularly monitored in sterile storage supply.
- FMS.36.5 Temperature and humidity are controlled and regularly monitored inpatient rooms.