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.

Standard Intent:

Microbiological transmission in healthcare setting is inevitably a very potential risk. The main routes are droplets, contact, and air borne transmissions. Infection control for patients, healthcare providers and visitors is of paramount importance in the healthcare process in medical facilities. Proper air conditioning of medical care facilities is helpful in prevention and treatment of diseases.

Design of the ventilation system shall provide air movement which is generally from clean to less clean areas. Maintaining air differential pressure between areas in critical departments as stated by the standard is crucial for patient and staff safety. Hospitals must ensure that a permanently installed visual mechanism to constantly monitor the pressure status of the rooms when occupied.

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.

Standard Intent:

Although there are many steps a medical care facility can take to reduce the chance that a patient falls ill for any reason, one of the top ways that not all treatment centers may have considered is through humidity monitoring and control.

Mold, bacteria, and fungi responsible for causing many lung-related medical episodes thrive when the air is especially moist. However, buildings operators should be sure that moisture levels do not drop too much, as overly dry air can aggravate mucus membranes and damage sinuses.

Therefore, hospitals must provide necessary controls of temperature and humidity in the required locations.

FMS.37 The hospital has a periodic preventive maintenance plan for the water system.

FMS.37.1 There is a periodic preventive maintenance plan (PPM) for the water system that is supported by trained and specialized staff/contractor.

FMS.37.2 The PPM records are maintained for the following:

FMS.37.2.1 Water is available twenty-four hours a day, seven days a week.

FMS.37.2.2 The incoming water supply is checked regularly for at least: chemicals (once every six months) and bacteria (monthly), and results are monitored.

Standard Intent:

Water quality can change suddenly from many causes, some of which occur outside of the hospital, such as a break in the supply line to the hospital. When there is a disruption in the usual source of water supplied to the organization, emergency potable water supplies must be immediately available.

Hospitals must develop a maintenance program for its water system with documentation along with necessary testing.

FMS.38 The hospital ensures safe sewage handling and disposal.

FMS.38.1 Sewage handling and disposal is safely conducted in an efficient and sanitary manner according to professional codes of practice.

Standard Intent:

To ensure safe disposal of sewage from different hospital departments (Operating theaters, laboratories, maintenance workshops and kitchen), hospitals must follow national sewage disposal guidelines (Municipality).

FMS.39 The hospital maintains the kitchen and laundry equipment in good working condition.

FMS.39.1 Laundry equipment are regularly inspected and tested.