

**HVAC TEMPERATURE/HUMIDITY CONTROL
MAINTENANCE**

Effective date: 12/84
Revision date : 04/10
Review date: 08/12

Policy:

Ensure that proper room temperature and humidity relationships are maintained by the HVAC systems.

Prevailing Codes and Standards:

Manual for Construction and Equipment for Hospital and Medical Facilities, TJC EC 02.05.05

PM Cross Reference:

P.M. #01-00159

Location:

Hospital K wing

Procedure:

I. INSPECTIONS

- A. An inspection to confirm correct temperature and humidity standards in operating, recovery and labor rooms will be conducted annually.
- B. Document hot deck, cold deck and return air temperatures and return air humidity on Air Handlers K4 through K7.
- C. Document the pretreated temperature and humidity on air handler K16.
- D. Document outside air temperature and dew point from the HVAC control computer
- E. An available room of each type (see form) will be chosen to sample the actual temperature and humidity.
- F. The results of the reading taken by the HVAC Controls Technician will be reported to the Engineering Section. The Engineers will make the necessary recommendations to conform to standards.
- G. Discrepancies shall be recorded and maintained with the preventive maintenance records.

II. HUMIDITY AND TEMPERATURE STANDARDS

	<u>Relative Humidity</u>	<u>Design Temperature</u>
1. Operating Room	20-60%	68-73°F
2. Delivery and Birthing Rooms	20-60%	68-73°F
3. Recovery Rooms	20-60%	70-75°F

ROOM TEMPERATURE AND HUMIDITY INSPECTION FORM

Inspection Date					
Inspectors Name					
O/A. Temp					
O/A Dew Point					

Location	Room Temp	Room Humidity	Location	Room Temp	Room Humidity
K2-08			K4-10 Birth		
K2-21			K4-25 Serg 4		
K2-28 #07			K4-28 Del 3		
K2-30 #08			K4-35 Del 2		
K2-31 #09			K4-42 Del 1		
K2-32 #10			K4-51 Serg 5		
K2-33 #11					
K2-34 #12			ACC3126		
K2-38 #14			ACC3127		
K2-41 #15					
K3-08					
K3-26 OR1					
K3-29 #2A					
K3-30 #02					
K3-31 #03					
K3-33 #C2					
K3-34 #04					
K3-35 #05					
K3-44 #06					