



Department of Facilities POLICY AND PROCEDURE

POLICY NUMBER: 507
VERSION: 1

SUBJECT: VACUUM SYSTEMS -PREVENTIVE MAINTENANCE

POLICY:

The medical/surgical vacuum system will be maintained in a manner designed to provide a safe level of operation for all required medical and surgical needs. The Plumbing Shop is responsible for assuring that the system is maintained in the proper manner, as per Regulatory compliance, manufactures specifications and the Preventative Maintenance Program.

PURPOSE:

To ensure a safe and reliable medical vacuum system throughout the facility.

PROCEDURE:

The Vacuum System is monitored daily by the Plumbing Shop. The vacuum system is monitored by reading the line vacuum at the Med Vacuum unit.

Normal line vacuum is between 15 and 22 inches of mercury vacuum.

Alarm panels are actuated (audible & visual) above 25 or below 15 inches of mercury vacuum, a vacuum flow 15 C.F.M. must be maintained at each outlet at all times.

A log will be kept of vacuum readings to the facility at all times and to help in locating problems, such as leaks in the system. The vacuum system operation will be checked once a day. Readings will be taken on the vacuum pumps and the pumps will be run manually. All readings will be noted in the appropriate log, any readings which fall outside of the normal ranges, will be noted and corrective action will be taken immediately.

Minimum Vacuum and Operating Range:

The vacuum pump and collection piping shall be capable of maintaining a vacuum of 12 in. of mercury (Hg), at the station inlet farthest away from the vacuum source.

When the calculated demand for the facility is drawn in the system, an operating range of 15 in. to 22 in. Hg must be maintained at the receiver.

Any problems or leaks in the system will be reported to the Facilities Office and repaired immediately.

Approved By: Anthony Corliss (MANAGER I, FACILITIES OPERATIONS AND CRAFTS)	
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