SUBJECT: LOSS OF MEDICAL GAS & VACUUM	REFERENCE 19
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CLINTON REGIONAL HOSPITAL DEPARTMENT: SAFETY	EFFECTIVE:
APPROVED BY:	REVISED: 8/20/2026

LOSS OF MEDICAL GAS & VACUUM

POLICY:

Loss of Medical Gas & Vacuum

PROCEDURE:

Should there be a loss of Medical Gases there would be a severe Risk Management issue related to patient care. Various wall Oxygen, Medical Air, Medical Vacuum, and Nitrous Oxide could be affected. Therefore staff would need to follow the guidelines for monitoring of patients and report the incident immediately.

Maintenance

1. All Medical Gas Systems shall be checked each morning between the hours of 7:00 and 8:00 a.m. documented for capacity, pressure, and system integrity.

2. In the event that the Bulk Oxygen Tank drops to **50 inches** of Oxygen per gauge reading, or the Medical Gas Alarm goes into a Low Oxygen "alarm status" the following procedures should be performed **IMMEDIATELY!**

   Notify the following:
   a. **Director of Maintenance**
   b. **Director of Respiratory Therapy**
   c. **Medical Gas Distributor**

3. Maintenance will ensure necessary repairs.

4. The Maintenance Department will document failures.

Clinical Staff

1. All patients on internal systems gases need to be checked then page Respiratory Therapy to the location of the issue.

2. Contact the Maintenance Department.

3. In the event of **Oxygen** failure Respiratory Therapy will assess the issue and oxygen cylinders may be required to be ordered from the supplier.

4. In the event of a **Medical Air** outage, the hospital's Medical Air source will be checked and repaired or vendors called to make necessary repairs.
   Plenum Medical Testing 1-817-8222-9498

5. In the event of a **Vacuum** failure the hospital's Vacuum system will be checked and repaired if possible. If necessary an outside contractor will be called for repairs.

Standard Operating Procedure (SOP)

Clinton Regional Hospital

Department: Hospital Wide Date: 11/27/2023 Revised: 8/20/2026

Subject: **Loss of Medical Vacuum**

1. Description of hazard, threat, or event:
    a. Loss of Medical Vacuum for the hospital.

2. Impact on mission-critical systems:
    a. Medical Vacuum in all Patient Care areas and the OR will be lost.

3. Operating units and key personnel with responsibility:
    a. Most areas of the hospital could be affected.
    b. Maintenance will verify the Loss of Medical Vacuum in the Central Plant.
    c. Respiratory Therapy and the Director of Nursing will be notified of the Loss of Medical Vacuum.

4. Mitigation and preparedness activities:
    a. Hazard reduction strategies and resource issues:
        1) The hospital Medical Vacuum System has two Vacuum Pumps that lessens the likelihood of a total Medical Vacuum System Loss.
        2) Hospital staff are in-serviced to the process of Loss of Medical Vacuum.

b. Preparedness strategies and resource issues:
        1) The Gauge reading for the Medical Vacuum is inspected and recorded daily.

5. Response and recovery activities:
    a. Hazard control strategies and resource issues:
        1) Develop a written policy for Loss of Medical Vacuum.
        2) Ensure the Loss of Medical Vacuum Policy includes the hospitals Medical Gas Repair Specialists notification phone numbers.

    b. Hazard monitoring strategies:
        1) Develop a schedule for Maintenance and Testing of the Medical Vacuum System by the hospitals identified Medical Gas Specialist.
        2) Provide all documented Maintenance and Testing activities and report into Safety Committee monthly.

c. Recovery strategies and resource issues:
        1) Provide a list of Contractor resources and phone numbers ofthe companies that provide services for the hospital to appropriate Managers.

6. Notification procedures
    a. Internal: All Managers and Administration

    b. External: Medical Gas Repair Specialists
    Plenum Medical Testing 1-817-822-9498

7. Specialized staff training: In-service of all staff on Loss of Medical Vacuum procedures during annual training.

8. References and further assistance: Medical Gas Specialists Phone#:_**405-641-5712**_