

Medical Equipment Inspection Service

Vacuum System Inspection and Maintenance

Scope of Service

The system is tested for pressure loss, outlet flows, alarm activation as well as a full and comprehensive physical integrity tests of all components.

- ✓ Inspect exhaust lines to be discharged outside of the building and remote from exits or intake vents.
- ✓ Exhaust/intake lines must be protected from entry of insects, vermin, debris and precipitation.
- ✓ If pumps utilize common exhaust line the pipe must have check valve, and ability to isolate pump.
- ✓ Pumps sufficient to develop flow/suction. Vacuum must have two pumps.
- ✓ If mounted on vibration isolators, flex couplings must be used to connect to building piping.
- ✓ Each pump must have shutoff valve.
- ✓ Pumps alternation is provided for by automatic mechanical means or manual schedule.
- ✓ Vacuum pump must be connected to UPS system. (Portable suction unit connected to UPS acceptable)
- ✓ Line pressure switch installed upstream side of mainline valve.
- ✓ Receiver tank to have suitable drain mechanism with by-pass capability.
- ✓ A vacuum gauge to be located adjacent to the line pressure switch
- ✓ Verify source/mainline valve located downstream of mainline switch and gauge.
- ✓ Verify source valve to be properly labeled.
- ✓ Test and verify audible and visual alarm signals.
- ✓ Check condition of oil, oil filters, air filters. Replace annually
- ✓ Verify unit is in compliance with NFPA standards
- ✓ Complete report and review with facility

