



MEDICAL GAS INSPECTIONS / AUDITS

CERTIFICATIONS - NEW OR MODIFIED MEDICAL GAS SYSTEMS

MWBISL performs Accredited Medical Gas Certification inspections on **new installations AND renovated/ retro-fit/ modified medical gas systems**. These inspections include verification of proper piping practices according to applicable CSA Standards, and usually involve some or all the following equipment categories depending on project scope:

- Liquid bulk source supply systems (oxygen, nitrogen, nitrous oxide)
- Liquid cryogenic oxygen source supply systems (Mini bulk)
- Oxygen concentrators
- Medical air compressors
- Medical vacuum pumps
- Lab & instrument air compressors
- Pressure gas cylinder manifolds (oxygen, med air, nitrogen, nitrous oxide, carbon dioxide, other)
- All Medical gas related alarm panels
- Zone valve stations/ area alarm panels
- Terminal unit outlets
- Gas purity sampling
- Verification of installer credentials/ certificates
- Standards advice/assistance & drawing reviews pre-project and throughout project

FUNCTIONAL SYSTEMS - OPERATIONAL FACILITY MAINTENANCE PROGRAM AUDITING

MWBISL performs auditing and Standards advice on functional med gas system maintenance programs **for any size facility or region**. This qualified and credentialed auditing service is in accordance with CAN/CSA Z7396.1 - Annex J

- Maintenance program analysis and diagnostic
- Troubleshoot program issues and irregularities
- Advise on necessary upgrades to maintenance programs
- Analyze functional system reporting methods and report consistency with Standards requirement
- Any size system, from small clinic to complete Hospitals, to entire Provincial region