

Non-Hospital Medical and Surgical Facilities Accreditation Program

ACCREDITATION STANDARDS

Medical Gas7 0.824 0.82

0.824

Introduction

The Canadian Standards Association (CSA) *Medical gas pipeline systems – Part 1: Pipelines for medical gases, medical vacuum, medical support gases and anaesthetic gas scavenging systems* (CAN/CSA Z7396.1) specifies the safety requirements for medical gas pipeline systems. It applies to all facilities providing health-care services, both public and private, regardless of type, size, location or range of services. As-built drawings of the medical gas pipeline system should be retained by the facility.





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No.	Description
MEDGP1.4.1	M The medical gas pipeline system is checked by a qualified service technician every six months. <i>Guidance: The Canadian Standards Association defines a qualified service technician as a person who through professional training and education is qualified to service a medical gas system. Medical gas pipeline systems shall be maintained in accordance with current Canadian Standards Association standards. Records of maintenance, ongoing verification and repairs are on file and are maintained for the life of the system.</i>
MEDGP1.4.2	M The maintenance and ongoing verification program includes the medical gas system. <i>Guidance: Every six months the maintenance and ongoing verification check includes the supply system (primary and secondary source transfer, pressure regulators, pigtails, manifold valves, gauges, displays, indicator lights, pressure relief valves, leakage tests) and the alarm panels. Once a year the check also includes terminal units and zone valves. Records of maintenance, ongoing verification and repairs are on file and are maintained for the life of the system.</i>
MEDGP1.4.3	M The maintenance and ongoing verification program includes the medical vacuum system. <i>Guidance: The medical vacuum system is inspected annually in accordance with CSA Z7396.1 Medical gas pipeline systems – Part 1: Pipelines for medical gases, medical vacuum, medical support gases, and anaesthetic gas scavenging systems, Clause 15, Maintenance and ongoing verification. Records of maintenance, ongoing verification and repairs are on file and are maintained for the life of the system.</i>
MEDGP1.4.4	M The maintenance and ongoing verification program includes the anesthetic gas scavenging system. <i>Guidance: The AGSS is inspected annually in accordance with CSA Z7396.1 Medical gas pipeline systems – Part 1: Pipelines for medical gases, medical vacuum, medical support gases, and anaesthetic gas scavenging systems, Clause 15, Maintenance and ongoing verification. Records of maintenance, ongoing verification and repairs are on file and are maintained for the life of the system.</i>
MEDGP1.4.5	M Pressure relief valves are replaced every at minimum five years. <i>Guidance: Records of maintenance, ongoing verification and repairs confirm that pressure relief valves have been replaced, at minimum, within the last five years.</i>
MEDGP1.4.6	M Any defective components or system deficiencies are immediately corrected. <i>Guidance: Repairs or system remediation is to be performed immediately upon observation by a qualified service technician. If the repair or remediation cannot be performed immediately then the component is flagged with the date, the problem, "do not use" or limitations on use and the name of the qualified technician. This flag is removed on</i>



No.	Description
MEDGP1.5.1	M There is policy and procedures for the medical gas pipeline system. <i>Guidance: Medical gas pipeline policy and procedures include the safe use, handling and storage of medical gases, medical gas supply replenishment, how to change the supply tanks, daily checks including how to verify supply levels, and the maintenance and ongoing verification program.</i>



