



DATE: February 28, 2023
POLICY MEMO NO.: PM2023-0001
TITLE: Medical Gas Permit and Verifier
RELATED DEPT. & DIVISION: Development Services Department
TOPIC: Plumbing
DECISION MAKER: Todd Wilcox, Building Official

SUMMARY: This policy memo implements the NFPA Health Care Facilities Code by clearly delineating the types of uses requiring a Verifier, Medical Gas Permit, and/or Placard.

CODE SECTIONS: Land Development Code (LDC), Chapter 25-12 (*Technical Codes*)

- [LDC § 25-12-153](#) (*Local Amendments to the Uniform Plumbing Code*):
 - § 319.0 (*Medical Gas and Vacuum Systems*).
 - § 1301.0 (*Medical Gas Plan Review and Permits*).
 - § 1304.0 (*Medical Gas for Non-Human Uses*).

[2021 NFPA 99 Health Care Facilities Code](#)

- § 5.1.12 (*Performance Criteria and Testing — Category 1 (Gases, Medical–Surgical Vacuum, and WAGD)*).
- § 5.2.12 (*Performance Criteria and Testing — Gas, Medical-Surgical Vacuum, and WAGD*).
- § 5.3.12 (*Performance Criteria and Testing — Gas, Medical-Surgical Vacuum, and WAGD*).

POLICY:

Section 1301.0 (*Medical gas plan review and permits*), codified in LDC § 25-12-153 (*Local Amendments to Uniform Plumbing Code*), requires properly engineered plans for medical gas systems designed for human uses. Based on risk categories delineated by the NFPA Health Care Facilities Code, the following table specifies types of uses requiring a Verifier, Medical Gas Permit, and/or Placard for identification purposes:

COMMON OCCURENCES	MEDICAL GASES									REQUIREMENT			
	FACILITY TYPE (DETERMINED BY CATEGORY)	OXYGEN	NITROGEN	NITROUS OXIDE	INSTRUMENT AIR	WAG	CO2	VACUUM	HELIUM	MEDICAL AIR	VERIFIER REQUIRED	MED GAS PERMIT REQUIRED	PLACARD REQUIRED
Hospital	X	X	X	X	X	X	X	X	X	X	X	X	
Dentist W/ Gas	X		X	X				X		X	X	X ¹	
Dentist W/O Gas								X		X		X	
Medical Research Lab W/ Gas	X	X	X	X							X	X	
Medical Training Facility W/ Gas	X	X	X	X					X		X	X	
Medical Training Facility W/O Gas													X ²
Veterinarian Clinic ³	X		X	X								X	

Reference Notes

¹ Unless facility uses portable systems to supply gas.

² Placard must be placed near any connection supplying air/ gas. "WARNING NOT FOR HUMAN USE OR CONSUMPTION."

³ Shall comply with § 1304.0 (*Medical Gas for Non-Human Uses*), § 25-12-153 (*Local Amendments to the Uniform Plumbing Code*).

Todd Wilcox

Todd Wilcox, Building Official