

North Texas Plumbing Provides Medical Gas Plumber in Dallas Fort Worth Texas

January 31, 2022

WATAUGA, TX - January 31, 2022 -
North Texas Plumbing, a company based in Watauga, TX, is pleased to announce that they are ready to provide expert medical gas plumbers for new construction or renovation of hospitals, surgery centers, dental facilities, veterinary clinics and surgical offices, emergency rooms and all other medical gas plumbing applications in the Dallas Fort Worth area, the DFW metroplex, and North Texas. They are capable of custom engineering the appropriate medical gas system for a particular facility and work on the project from design to completion.

Their specialist commercial plumbers for installation of medical gas pipes can serve: hospitals, medical offices, health care facilities, emergency rooms, veterinary offices, veterinary surgical centers, and operating rooms. They are capable of installing different types of gas piping for medical use. These include: nitrous oxide piping; oxygen pipe welding; oxygen piping; medical air compressor installation; medical vacuum installation; medical gas manifold installation; medical gas outlet, alarm, zone valve installation; take-offs & engineering; and more.

The medical gas supply systems used in hospitals and other health care facilities are for supplying specialized gases and gas mixtures to various locations in the facility. These include: medical air; nitrous oxide; oxygen; carbon dioxide; medical vacuum; nitrogen; and waste anesthetic gas disposal. These medical gas systems are usually color coded to enable the identification of their contents. Unfortunately, coding systems and specifications differ by jurisdiction. Thus, the text and labeling may be a more reliable indicator of their contents. The medical gas pipe installers will make sure that emergency shut-off valves or zone valves are provided to be able to stop the flow of gas to a certain area in case there is a fire or substantial leak, and also for servicing. Valves may be placed at the entrance to departments, with access provided via emergency pull-out windows.

Medical gas piping will typically use special grade copper and it is similar to other types of plumbing in that it requires running pipe through walls, ceilings, and floors. There are two kinds of copper piping used for medical gas. These are the the Type K, which is thicker and heavier, and the Type L or thinner copper wall. All medical gas pipes should be in compliance with the National Fire Protection Association (NFPA) 99 standards for positive pressure medical gas plumbing. The medical pipes are used to deliver different kinds of medical grade gases from a utility room where the gases are stored in tanks to the various rooms in the medical or health care facility, including a surgical center, emergency room, or hospital.

The fire safety standard indicates the requirements for various levels of health care systems depending on the risk to patients, visitors, and staff, in order to minimize the risk of of fires, electrical accidents, and explosions. Thus, medical gas plumbers who will be handling the installation of the medical gas plumbing system, the piped vacuum systems, and the supporting components for manifolds, outlets, zone valves, and alarms, will need to have a certification as an ASSE 6010 installer.

Medical gas plumbers will also have to be knowledgeable regarding various oxygen storage methods, including high-pressure oxygen tanks, chemical compounds, and cryogenics. Oxygen is transported in the form of liquefied oxygen and and this is placed in liquid-oxygen storage containers that are usually located outside the hospitals and other healthcare facilities. The liquid oxygen will go through heat exchangers that that transforms it into gas form before it enters the medical building. Oxygen may also be contained in smaller cylinders as compressed gas. It is important to note that these are fire and explosion hazards and the medical gas plumbers should know how to minimizing risks while working with medical gas piping with oxygen.

Established in 2013, North Texas Plumbing is a provider of commercial plumbing services in the Forth Worth - Dallas - DFW Metroplex - North Texas, especially medical gas piping; tankless water heater installation; drain line repiping; grease trap installation; water jet pipe cleaning; water line rerouting; water main repair and replacement; sewer line repair and replacement; drain cleaning; foundation leaks and slab leak repair; gas

line installation; gas line repair; and more.

Those who are interested in commercial plumbers in Dallas Fort Worth Texas can visit the North Texas Plumbing website, or contact them through the telephone or via email. They can be contacted 24 hours a day, from Monday to Sunday.

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For more information about North Texas Plumbing, contact the company here:North Texas PlumbingMarc Sims18173710709contact@dallasfortworthplumbing.comNorth Texas Plumbing5816 Maurie DrWatauga, TX 76148

North Texas Plumbing

Commercial plumber in Dallas Fort Worth Texas specializing in grease trap installation and repair, medical gas piping, oxygen piping, nirtous oxide plumbing for medical, dentist offices, surgery centers hospitals. Plumber for property managers, apartments

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