

Medical Gas Installers Service Offered in Dallas Fort Worth Area

January 24, 2022

WATAUGA, TX - January 24, 2022 -

North Texas Plumbing, a company based in Watauga, TX, is happy to announce that their commercial plumbers in Dallas Fort Worth Texas can provide medical gas piping installation for hospitals, health care facilities, medical offices, veterinary offices, emergency rooms, operating rooms, veterinary surgical centers, and more. They are fully insured and licensed to provide medical gas piping installations and they can custom engineer the appropriate medical gas system for the facility and finish the job from design to completion.

They can install various kinds of medical gas piping. These include: oxygen piping; nitrous oxide piping; oxygen pipe welding; medical gas manifold installation; medical air compressor installation; medical vacuum installation; take-offs & engineering; med gas outlet, alarm, zone valve installation; and more.

Special grade copper is used for medical gas plumbing that is similar to other kinds of plumbing in that it involves running pipe through ceilings, walls, and floors. There are two kinds of copper piping for medical gas

piping installations. These are the Type L or thinner copper wall and the Type K, which is thicker and heavier. Both should comply with National Fire Protection Association (NFPA) 99 standards for positive pressure medical gas installations. The copper piping is utilized to deliver various kinds of medical grade gases from a utility room where the gases are kept in tanks to the rooms in the health care or medical facility, such as a hospital or surgical center.

The medical gas supply systems in hospitals and other medical facilities are utilized for supplying specialized gases and gas mixtures to different parts of the facility. These include: oxygen; medical air; nitrous oxide; nitrogen; carbon dioxide; medical vacuum; waste anesthetic gas disposal (US) or anesthetic gas scavenging system (ISO).

Medical gas systems are typically color coded to identify their contents. However, coding systems and requirements will vary by jurisdiction. The text and labeling may be a more reliable reference as to their contents. They medical gas pipe installers will ensure that emergency shut-off valves, or zone valves, are installed in order to stop the flow of gas to a particular area in the event of fire or substantial leak, and also for servicing. Valves may be located at the entrance to departments, with access available through emergency pull-out windows.

Meanwhile, the NFPA 99 standard specifies the criteria for the levels of health care systems based on the risk to staff, patients, or visitors as a way to minimize the danger of fire, electricity, and explosion. This standard requires medical gas plumbers who will be involved in the installation of the medical gas piping system, piped vacuum systems, and the supporting parts for zones valves, manifolds, outlets, and alarms, to have an ASSE 6010 installer certification.

They also need to be knowledgeable about oxygen storage methods, such as cryogenics, high-pressure oxygen tanks, and chemical compounds. Oxygen is transported in bulk as liquefied oxygen and these tankers refill bulk liquid-oxygen storage containers that are typically located outside hospitals and other healthcare facilities. The liquid oxygen is then made to pass through heat exchangers that convert it into gas form before it enters the building. Oxygen may also be available in smaller cylinders as compressed gas. These are fire and explosion hazards and the medical gas plumbers must be knowledgeable and experienced in minimizing risks while working with medical gas piping containing oxygen.

Founded in 2013, North Texas Plumbing offers commercial plumbing services in the Forth Worth - Dallas - DFW Metroplex - North Texas, particularly medical gas piping; grease trap installation; tankless water heater installation; drain line repiping; water main repair and replacement; water jet pipe cleaning; water line rerouting; foundation leaks and slab leak repair; sewer line repair and replacement; drain cleaning; gas line repair; gas line installation; and more.

When in need of medical gas plumbing services, people in North Texas can check out the North Texas Plumbing website, or contact them on the telephone or through 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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