

Design, Build, Provide

Medical gas solutions from conception to completion



As a leading provider of bulk medical gas supply and systems, Messer has developed Hospital Services to design and implement these critical life support systems. The Messer Healthcare Design, Build, Provide platform encompasses engineering, construction and project management services to ensure code-compliant design and professional installation of a healthcare facility's indispensable medical gas infrastructure. Our Hospital Services engineering team offers a complete end-to-end solution of the medical gas supply system from the source to the patient, completing projects on time, on budget, and in compliance.

Benefits

As a result of Messer managing the project from design to installation, you receive a medical gas system that is completed safely and in compliance with National Fire Protection Association (NFPA) and relevant codes. The

installation may also be quicker and at lower cost than competitive alternatives. In addition, you can receive reliable medical gas supply, preventive maintenance and timely service.

Design: Medical gas expertise, from molecule to patient

Medical gas systems must meet stringent regulations as well as the clinical needs of your facility. Working with key stakeholders at your facility, we will complete a thorough survey of the scope required, then recommend a system to meet your requirements. We can design the full medical gas infrastructure, from the medical gas source all the way to your patients. We can provide:

- A full set of detailed construction documents, drawings and specifications
- Professional engineer-stamped drawings for permitting
- Engineering/design oversight and during construction

Build: Turnkey installation of medical gas infrastructure supply

Our project engineering team can manage your medical-gas installation from conception to startup of service – freeing you to concentrate on other important matters.

We have experience in managing permitting, contractor selection, scheduling, medical-gas infrastructure construction, medical-gas equipment installation and cost-tracking over the project lifecycle. We can:

- Complete all bulk tank installation and foundation work
- Perform related site improvements such as installing foundations, curbing, fencing, electrical, lighting etc.
- Build the medical gas infrastructure from the bulk oxygen system downstream to the healthcare facility patient rooms including piping, regulators, and wall outlets

Provide: Medical gas supply, service and equipment

As a leading supplier of medical gases, with captive production facilities throughout the USA, we can provide your facility with the highest quality of gases, equipment, and service available, providing peace of mind that your system is well maintained. We can:

- Handle your medical gas equipment startup and commissioning, including all necessary testing, inspections and third party certifications
- Perform a certification and validation to confirm the system is in compliance with all pertinent regulatory requirements and safety design
- Provide final as-built drawings
- Train your team on all aspects of system operation
- Perform preventive/corrective maintenance and inspections on all bulk oxygen, manifold, alarm and medical air and vacuum systems



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