

QI Engineering. Expert installation or modification of tank or Medical Gas Pipeline System (MGPS).



Up to standard

A bulk oxygen tank, medical air or vacuum plant or Medical Gas Pipeline System (MGPS) will only be effective if designed, constructed, installed, tested and commissioned correctly by highly trained staff, and according to National and International Standards.

With QI Engineering services, all aspects of the project adhere fully with these standards. The installation or upgrading services are carried out by expert staff with the support of a Linde group's engineering infrastructure, and are documented and certified appropriately.

Linde Healthcare offers a range of services, enabling you to choose the one most suited to your needs:

1. Turnkey supply and installation or modification of oxygen bulk tanks, MedOx93 installations and / or MGPS.
2. Installation services for new or modified MGPS.
3. Specialist management of installation contractors to ensure compliance with relevant Standards.
4. Independent commissioning.
5. Management of pipeline shutdowns and provision of "authorised person" (AP) services.

Turnkey supply and installation

A complete service, from receipt of agreed design drawings to the delivery of the installed system, which is fully commissioned and tested to provide pharmaceutical or medical grade product to patient outlets.

Tank installation or MGPS

Provision of on-site engineering services to install, test and commission your own pipeline equipment and associated plant for medical air, vacuum, MedOx93 plant (PSA) or bulk tanks. We cover new installs and extensions/modifications to existing MGPS. All services are complete with full warranty, documentation and certification.

Standards management of installation contractors

Our experienced project engineering managers can give you third party assurance, ensuring that MGPS site works installed by local contractors are correct and in accordance with International Standards.

Independent commissioning

The correct testing and commissioning of a newly installed or modified gas supply systems and MGPS are the key to ensuring the delivery of pharmaceutical grade product to the patient. Linde Healthcare can provide qualified and experienced engineers to ensure this work is performed correctly.

Management of pipeline shutdowns and provision of AP Services

Any shutdown of a MGPS must be managed correctly to avoid any clinical /patient issues. Detailed permit to work procedures are outlined in National and International Standards, which must be followed carefully to ensure all risks are minimised; this is normally the responsibility of the designated AP. In situations where assistance is required or the AP is not available, Linde Healthcare can provide on-site support and manage cylinder back-up supply if needed. Our experienced personnel work together with your staff to ensure any necessary interruptions to medical gas service are managed efficiently and effectively, and within the required safety procedures.

Your advantage

Active in more than 50 countries, Linde Healthcare has over 50 years experience in the design and implementation of medical gas supply. As a partner who understands the realities of healthcare, we are ready to support you in achieving best practice for the installation or modification of gas systems in your medical facility.