



MedGas ME

Designs Breathe

MedGas ME



Medical gas pipeline systems (MGPS) are efficient means conveying medical gases to the point of use. They present a convenient, safe, and cost-effective system for the provision of medical gases clinical and nursing staff at the point of use. Although medical gases have multiple benefits, they introduce additional hazards in the process of delivering medical gases to patients. With that said, it is a requirement that medical gas pipelines have a well-designed, installation, commissioning and are tested regularly to ensure the safety of the patients.

About us

Established in 2018 in Jordan, **MedGas ME** is a specialized firm dedicated to the design, Quality Control (QC) testing, commissioning, and consultancy of Medical Gas Pipeline Systems (MGPS). With a proven track record of over 75 projects across the Middle East, ranging from mega-hospitals to specialized clinics, we provide our clients with the absolute assurance that their life-critical systems are fully compliant with HTM 02-01 and HTM 2022 standards.

We believe that medical gases are medicine; therefore, their purity and the integrity of the delivery system are paramount. Our expertise covers the entire project lifecycle, from pre-study and planning to final handover, ensuring that every system is efficient, safe, and cost-effective.

Our Mission

To provide the healthcare industry with superior medical gas solutions through expert design, testing, and consultancy, ensuring every system is fully compliant with international standards to protect patient safety.

Our Vision

To be the leading authority in medical gas systems across the Middle East, recognized for setting the benchmark in technical excellence, engineering precision, and clinical reliability.



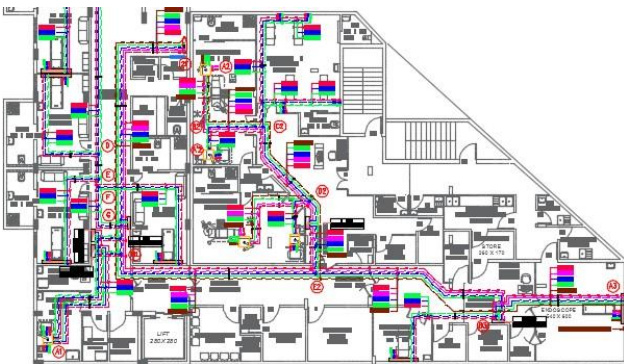
Our Services

Design

Design is one of the most important stages in your medical gas system. A cleverly designed, excellently engineered medical gas system will be efficient and usable for the long term. A medical gas system that will work with your operating process and the workflow of your day will make such a difference to your efficiency. Medical gas pipelines that are optimally designed will work better for you.

MedGas ME offers a full medical gas system design in accordance with HTM 2022 or HTM 02-01 Which includes:

- Medical gas outlets provision schedule.
- Diversified gas flow calculations.
- Prepare shop drawings and layouts.
- Accumulative pressure loss tables.
- Sizing and selection of medical gas sources
- Medical gas sources layout drawings (Basic layout should be provided).



Testing and Commissioning

Medical gases are medicine, and therefore, their purity is paramount. Testing all on-site medical gases using Quality Control (QC) is essential to protect pipelines, patients, and equipment that are connected to the system. In addition to ensuring that the system meets the requirements, testing and verification also checks all source equipment for function and form. The alarm systems are also tested for signals, set points, and pressure monitoring. Locations and functions of all valves in the pipeline are identified and documented to help the owner easily control the system. The information is then forwarded to the relevant authorities for approval.

MedGas ME offers comprehensive testing and verification of medical gas system by authorized person (AP) as per HTM 02-01 and HTM 2022.



Our Services

Project Management

A medical gas project-oriented manager is critical to the success of medical gas project.

He plays a vital role in project management. He is responsible for leading project teams, planning, coordination, communication, risk management, conflict resolution, and resource management. With his expertise, the project manager ensures successful project completion, meeting project timelines and objectives, and providing value to the stakeholders.

MedGas ME provides project management services with its experienced project managers in the field of medical gas systems.

Consultation

MedGas ME can help with its experience of more than 65 projects in the field of medical gas systems. Its experience covers all aspects of medical gas projects from pre-studying of project throughout planning, designing, material estimated quantities, needed manpower, installation, project controlling, system startup, validation, verification, T&C to final project handover.

Our Project

MEGA Projects:

- New Jahraa Hospital 1700 beds
- New Farwaniah Hospital 1500 beds
- New Maternity Hospital 1100 beds
- Al-Habib Riyadh Hospital 800 beds
- Sultan Qaboos Hospital 800 beds
- Jordanian Uni Hospital 700 beds
- ROP Hospital 600 beds
- Tenbek Hospital 500 beds
- Al-Habib Jeddah Hospital 500 beds

Other Projects:

- Amman Field Hospital 406 beds
- Suwaiq Hospital 350 beds
- Old Airport Center 320 beds
- Sohar Hospital 300 beds
- Irbed Field Hospital 300 beds
- Sumail Hospital 300 beds
- Al-Nama Hospital 300 beds
- Duqm Hospital 300 beds
- Nizwa Hospital 250 beds
- Physician Hospital 250 beds
- KHCC old Building 250 beds
- Aqaba Field Hospital 216 beds
- Aster Hospital 200 beds
- Khasab Hospital 200 beds
- KFCC 200 beds
- Al Hokair Hospital 188 beds
- Ideal Med Hospital 150 beds
- Al Ber Hospital 150 beds
- CMRC 145 beds
- Cancer Hospital 100 beds
- Mahoot Hospital 100 beds
- Apollo Hospital 90 beds
- Cuddles Hospital 90 beds
- Badr al Sama Hospital 85 beds
- Dalkoot Hospital 75 beds
- Madha Hospital 75 beds

- Al Maha Hospital 66 beds
- Dental Hospital 61 Chairs
- RDU at Sur Hospital 58 beds
- Muscat Rehabilitation 47 beds
- Saham Center 43 beds
- KIMS Hospital 40 beds
- Sohar Private Hospital 40 beds
- Latron Hospital 40 beds
- MP Center 36 beds
- Al Basheer new ICU 36 beds
- Izki Hospital 35 beds
- Sohar Medical Center 30 beds
- Sohar Private Center 30 beds
- Wadi Bani Khalid Hospital 30 beds
- Al Nile Hospital 30 beds
- Thumriat Hospital 20 beds
- Specialized Medical Center 20 beds
- RDU at Khaboura Hospital 20 beds
- Yas Medical Center 18 beds
- VVIP at al-Khod Hospital 15 beds
- Reem Hospital
- KHCC 5th floor
- Zebeedi Clinics
- OPD at KHCC
- ROP Veterinary Clinics
- German Eye Clinics
- ROP Veterinary Wattaya
- K9 Veterinary Hospital
- Sana Eye Clinics
- Ideal Med IVF Dept.
- New Hope IVF Dept.
- Abdali Hospital IVF Dept.
- Al-Tabib Al-Raqi IVF Dept.
- Saudi Hospital IVF Dept.
- Karkook IVF Dept.
- Sohar Hospital IVF Dept.
- Sohar Hospital Dental Dept.

Contacts



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