

Typical Projects

Mater Dei Hospital - Malta

Mater Dei Hospital is the newest, state-of-the-art acute and teaching hospital in Malta and comprises over 800 beds, 12 operating theatre suites and full ITU and HDU.

Thetilled by Tektraco are to the latest HTM standards with fully redundant sources and distribution networks which cater for current, as well as future needs.



Pandemic Contingency Plan - Malta

With the risk of a Pandemic outbreak becoming a reality, the Maltese Health authorities entrusted Tektraco with Pandemic Oxygen Installation at Karen Grech Hospital. This project included the design and complete installation of a Medical Oxygen System in an existing fully operational hospital.

Libyan European Hospital - Libya

Tektraco is very proud to have been awarded with the Design, Supply, Installation and Preventive Maintenance for the Medical Gas Distribution System for the new state-of-the-art Libyan European Hospital in Benghazi. The medical gas equipment and installation will be in compliance with the stringent HTM standards. The hospital will be the first of its kind in Libya and will provide secondary level medical care with all common medical specialties.



Makiungu Hospital - Tanzania

Makiungu Hospital is located in the Singida Rural District in Tanzania and caters for a population of about 400,000. Apart from financial concerns, there are also problems with lack of proper transport facilities; patients have to come, many on foot, from very far away.

Tektraco undertook to supply the hospital with a piped Oxygen system, with oxygen being produced on site by a concentrator, and a medical vacuum system.

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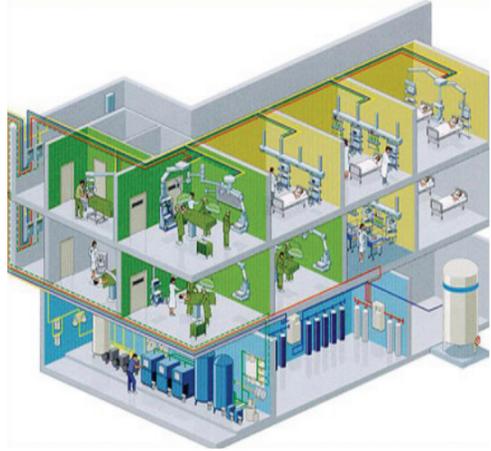


Your Partner for

**Complete
Medical Gas System
Solutions**



with other service providers to ensure a smooth and successful overall installation. Throughout the project we provide continuous quality control and assurance by project supervision. Every project will have a project manager assigned who will be the primary point of contact and will keep the client up to date with the project.



Installation - Apart from Project management and supervision Tektraco can also undertake installations through its trained installers who are all certified to carry out medical gas installations to the highest standards.

Testing and Commissioning - Integrity tests are performed to ensure that the recommendations laid down in the relevant specifications have been strictly adhered to. To ensure satisfactory performance of the system. To ensure that the installation is safe for use. Certificates of Commissioning are raised. Final 'as fitted' drawings are produced.

Pharmaceutical Testing - Before final handing over to the client QC testing must be performed. Tektraco can provide services for Gas Identity, Purity and Quality as per HTM02-01: 2006 requirements.

Service, Maintenance & Training - It is often found to be desirable, and indeed more cost-effective, for customers to let maintenance out to contract. This gives them peace of mind that the regular preventive maintenance is performed, and the ability to call on the 'experts' if ever there is a problem. Our company operates a comprehensive maintenance support facility which includes 24/7 contracts. We also offer in-house product training courses.

Services

Design and Consultancy - Tektraco qualified personnel are able to provide consultancy and design services to the latest standards of medical gas installations. In conjunction with medical users, the requirements for projects ranging from small clinics to complete hospitals can be established and formulated into a working format. Once the basic requirements have been defined, it is important to produce detailed engineering designs, in close collaboration with the medical staff. At this stage, requirements for specific gases will be known, as well as positions of terminal units, alarm panels and so on. Certain assumptions will need to be made for the gas flows required in individual wards. This is mainly based on the ward function and the type of equipment that is going to be used.

Site Surveys - It has long been a requirement to assess medical gas systems for compliance with relevant standards and guidance, and to assess the associated links. Our surveys provide you with a comprehensive, photographically illustrated report of the compliance of your system with respect to HTM 02-01, EN 7396-1 and other relevant publications and relate deficiencies to the consequent risks to patients, users and equipment. We will provide you with a report that will help you understand your gas systems and what is needed to bring them up to current specifications.

Supply of Equipment - Tektraco procures all necessary Medical gas plant, and pipeline products from reputable suppliers and ensures that products supplied will be to specifications required.

Project Management Management is part of Tektraco's core service and we focus mainly on our client's requirements. Through the valuable experience acquired from the large number of successful projects that we have executed Tektraco is able to overcome major issues that arise during a project and easily coordinate



Bedhead Unit



Pipeline Products



Nurse Call



SOT



Service Pendants



Medical Gas Plants

