Our Offices

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Welcome to DFT

At DFT we specialise in supplying and servicing world-class equipment manufacturers in Fluid technology, Ultraviolet technology and Hazardous areas to the UAE and GCC regions. Our bespoke systems and solutions service numerous industries, and are delivered with technical expertise and servicing to ensure longevity.

We are proud of our:

**Extensive product range** which, provides us with the right solution for the application and is paramount to delivering each customer’s specific requirements.

**Technical Engineering** team who are second to none in their knowledge of the brands that we represent and can provide immediate technical support and advice in the UAE.

**Customer service record** that is the best in the region, and we are renowned for our swift responses, on time deliveries and servicing capabilities providing high-level satisfaction in our customers through the business partnership.

**Established Manufacturers** who offer high quality products, extensive guarantees and great value.
Overview

At DFT we provide specialist Hazardous area equipment where the potential for fire or explosion exists because of the specific location and surrounding atmosphere.

All our products comply with the stringent IEC, ATEX or UL standards for explosive atmospheres caused by gases, flammable fibres, filings and dust particles and have temperature ratings suitable for the hot and humid Middle East environment.

We provide instrumentation solutions for pressure, temperature level and more, and with some of the world’s leading brands. The high level of quality supported by long term guarantees ensures you have the most relevant and qualified product for your exact requirement.

Case Study - Derrick lighting upgrade

With such high standards for Health and Safety on Oil Rigs, companies are continually looking to ensure a safe working environment with reduced associated costs. The Derrick is one of the most hazardous zones, but with one small upgrade to LED linear fittings - and a 5 year guarantee - the need to continually relamp standard fittings and the reduction of man riding hours saves on time, money and extended high risk procedures.
High Technology - Hazardous Area

DFT work exclusively with partners that represent the best in class technologies in their sector. This means working with high quality European manufacturers where we can be sure the solution we offer is going to represent long term value for money.

In hazardous area lighting this means working with companies like Raytec who are committed to product development, the latest lighting technologies and staying ahead of the field with their solutions.

As a solutions provider we can ensure that all your needs are covered by providing a seamless and easy project lifecycle:

- **Lighting survey**
  Completed on or offshore by our certified technicians.

- **Lighting design and gap analysis**
  A comprehensive 3D model of your specified area.

- **Product Supply**
  A complete package of all required LED fixtures and fittings for your application.

- **Support**
  Locally commissioned and supported with a 5 year guarantee.
UV Technology

Overview

DFT can specify, supply and support a variety of disinfection technologies.

We work with world-class brands who have international presence through a broad range of market sectors and have supplied thousands of systems worldwide.

UV treatment is a physical, non-intrusive method that reduces the total number of organisms in the environment without the use of chemicals. This avoids an increase in the toxicity of water and reduces the build up of harmful substances in air ventilation systems, thereby helping to maintain the natural and sensitive balance of ecosystems worldwide.

The presence of bacteria and viruses are problematic in all water systems, from ultra pure water loops through to wastewater treatment. But all micro-organisms are rendered non-viable by a correct dose of UV and Ozone; our principles maintain comprehensive databases of organisms and the dosage of UV required to achieve 1, 2, 3 or higher log removals.

“DFT has demonstrated their superb technical skills maintaining our UV systems while supplying us with filter media, the rapport and overall genuine dialogue demonstrates that they understand our needs and urgency in an industry and region that demands both!”

Wild Wadi Water Park

www.dftme.com
Return on Investment (UV / Ozone)

DFT’s disinfection solutions fall broadly into two applications. The first of these is water treatment and is used in many industries from large wastewater treatment plants requiring hundreds of kilos of Ozone per hour to ultrapure water loops requiring 3g/hr. The goal in all of these processes however is to optimize the use of Ozone & UV to achieve the required water quality with the minimum total lifetime expenditure.

The second category is air disinfection using UV. Typically the goal for these systems is to reduce both operating costs and odours being drawn through the ventilation system. In specifying the system correctly operating costs are cut by reducing the requirement to have the vents cleaned several times per year.

- **UV Disinfection**
  A non-chemical disinfection technology that is used extensively here in the Middle East and is available for both Water or Air applications.

- **Ozone**
  A very powerful oxidising agent, it is highly effective in breaking down CODs and in the disinfection of water.

- **Ultra Filtration**
  This advance membrane technology removes impurities from raw water sources.

- **Commissioning & Support**
  Qualified technicians are available post installation to verify the correct operating set up and data output.
Fluid Technology

Overview

DFT has a vast range of Instrumentation and control devices from simple solenoid valves through to complex water analysis instruments.

DFT’s wide range of engineering capabilities enable us to provide total solutions for measurement and process applications (flow, pressure, level, temperature, pH), including centralised or remote monitoring via integrated data logging or transmission systems.

Assembled Solutions

DFT’s assembled solutions include fluid analysis, UV & Ozone disinfection and salt water desalination (Reverse Osmosis) designed specifically for an offshore/marine environment.

Our products are all offered with options for service and commissioning onshore or offshore by our fully qualified service team based in Dubai.

Servicing and Support for the Desalination Process

Our engineers and technicians are fully qualified as offshore service personnel to survey, specify and deliver your reverse osmosis requirements. With a hot and humid Middle Eastern environment, ensuring the plants in the gulf are working to their maximum efficiency is key to a cost effective process and our team are renowned for their expertise in extending the life of your plant giving the best return on your investment.
Customisation - Fluid Technology

DFT’s range of instrumentation is extremely flexible, from ATEX field instruments through to hygienic tri-clamp fittings. Almost every unit offered can be customized to the exact specification required by the client. Hastelloy C electrodes are commonly specified in flowmetering. In temperature - custom thermowells milled from solid bar stock with extensive testing & certification options are available.

Finally we also have a range of signal processing modules that can be used to isolate, boost, convert and control the signals being generated so that we can provide seamless integration with your existing system or adapt your existing instruments to the next generation of control and logging devices.

- **Ultrasonic level**
  Is a non contact level measurement technology which is available for standard and ATEX applications.

- **Flow metering**
  Available for a variety of flow metering applications from industry standard electromagnetic flow meters to portable ultrasonic clamp on flow meters for field use and maintenance teams.

- **Temperature**
  The specification and supply of Sensors and transmitters are available for most applications.

- **Commissioning & Support**
  Qualified technicians are available post installation to verify the correct operating set up and data output.
Overview

For DFT, our dedicated service centre in Dubai is an integral and underpinning component to our business and its success.

As a full solution provider it is imperative we provide unparalleled support, service, maintenance and repair as standard to our customers.

A core element of our business is supplying standard fit Ex & ATEX lighting, with a full range of products and spare parts available ex stock UAE to the drilling companies in the region.

We are committed to sustaining our reputation of service excellence, one that we are proud of, that represents our values of trust and reliability to those we work with.

Servicing

We also offer bespoke solutions, some of which are listed below, providing full in-depth reports in accordance with regulatory authorities, together with 5-year plan options for upgrades:

- Commissioning
- Reverse Osmosis
- Lighting Survey
- Circle-H Survey
- Maintenance Contracts
- Critical Spares Recommendations

“Our reputation for the highest quality in customer service ensures that our customers come back to us year after year to meet their needs.”
Our Partners

- A-BELCO Group of Companies
- ATG UV Technology
- Atlantic Ultraviolet Corporation
- Bachofen Industrielle Automation
- bürkert Fluid Control Systems
- Denso
- Enjay Filtration
- H&B Sensors
- Hadar Lighting
- ISOIL Industria
- Katronic
- Labom Measurement Technology
- Primayer
- Pulsar Process Measurement
- RM&C
- SA Equip
- Signatrol.com Data Logging Solutions
- Status Instruments
- Suez
- rayTEC
- Wolf