

INTRODUCTION

Established in 1994, **tyco Fire & Security** is a joint venture between Suwaidi Engineering (UAE) and Tyco Fire & Integrated Solutions (UK), specializing in the design, supply, installation, testing and commissioning of fire protection equipment, security & access control, BMS, voice alarm, structured cabling, I.T. systems and integrated systems. Tyco has been at the forefront in the fire protection and security industry for over a century. Global technology through local representation has been the critical success factor for the Company in the past and it remains the mission for the future.

As well as the above mentioned systems, Tyco mechanical product range allows Tyco to offer quality and professional services to clients throughout the Middle East for all of the following systems :

Inergen, Vesda, sprinkler, foam, water mist, CO₂, FM200, water spray, dry chemicals, fire alarm, CCTV, security & access controls, voice alarm, intercom and fire telephone systems, building automation systems, I.T./structured cabling systems and audio visual systems.

Economic growth throughout the world this century has brought new industrial technology, increased competition and hazardous working environments. This in turn has resulted in tighter regulations and new world-wide legislation being brought into force to protect lives, environment and property. The objective of the Tyco group is to recommend, provide and maintain optimal fire protection and safety & control solutions for all risks.

The operating units of Tyco are structured into divisions which serve specific market sectors both for on and offshore systems. These range from small commercial projects and systems through to sophisticated 'state of the art' fire and gas emergency shutdown detection and control systems. All projects are managed and executed in line with the Quality Assurance Procedures of Tyco's Integrated Management System Manual.

To ensure that Tyco stays at the forefront of technology Tyco's product research and development is ongoing at major research centers in the US and Europe. Manufacturing, technical and development resources are available to resolve all technical challenges and stand behind the performance of the Tyco group.

PREQUALIFICATION FACTS**1. NAME OF ORGANISATION and LOCATION OF OFFICES****tyco Fire & Security UAE LLC****HEAD OFFICE :**

6th Floor, Old Al Noor Hospital Bldg.
Hamdan Street
P.O. Box: 3333
Abu Dhabi, United Arab Emirates
Tel: (0971) 2 6777 776

Fax: (0971) 2 6768 746

Email: info@tycofireuae.com

OTHER OFFICE :**Dubai Office :**

P. O. Box 38163

Dubai, United Arab Emirates

Tel: (00971) 4 3309600

Fax: (00971) 4 3573394

Email: tyco_dxb@emirates.net.ae

Qatar Office:

Tyco Qatar Fire & Security Branch LLC

P.O. Box 47679

Doha, Qatar

Tel: (00974) 4 4502680

Fax: (00974) 4 4502686

Email : tycoqatar@qatar.net.qa

CONTACT PERSONS:

Mr. Mark Roberts - General Manager

2. NATURE OF BUSINESS

tyco Fire & Security provide all types of fire protection, security & access and safety, communication and control systems to the offshore, marine, onshore power generation, chemical, petrochemical and high hazard industrial markets, as well as the commercial market. The company undertakes the design and supply of fire and gas detection systems, emergency shutdown, data gathering, graphic display, safety and control, process control power and information systems, CCTV, access control, security, structured cabling/I.T., integrated systems, emergency voice evacuation, public address, audio visual systems and fire extinguishing systems using water, foam, gas and dry powder.

3. REGISTRATION DETAILS:

Abu Dhabi	:	Chamber of Commerce	18492
		Planning & Economy	1020652
		Civil Defence	1/A/147
Dubai	:	Chamber of Commerce	43331
		Municipality	246141
Qatar	:	Municipality	52180
		Commercial	47324

4. PARENT COMPANY DETAILS:

Tyco Fire & Integrated Solutions	Suwaidi Engineering Group
Tyco Park, Grimshaw Lane	P.O. Box 3333
Newton Heath	Abu Dhabi
Manchester, M40 2WL	United Arab Emirates
United Kingdom	

5. MANPOWER DETAILS**KEY PERSONNEL**

▪ GENERAL MANAGER	:	MARK ROBERTS
▪ FINANCIAL CONTROLLER	:	TONY AYKROYD
▪ OPERATIONS MANAGER	:	NIGEL MILLINS
▪ BUSINESS DEVELOPMENT MANAGER	:	CRAIG NIXON
▪ CONTRACTS MANAGER	:	PRAVEEN MATHEW
▪ BRANCH MANAGER (DUBAI)	:	HASSAN HUSSAIN
▪ MANAGER (QATAR)	:	BASANT BARDALAI
▪ SALES MANAGER – OIL&GAS ELEC.	:	N. GANESAN
▪ SALES MANAGER – OIL&GAS MECH.	:	D. MAHESH KUMAR
▪ SALES MANAGER – SERVICE and MAINTENANCE	:	THULASI RAM
▪ SECURITY DIVISION MANAGER	:	CRAIG MENZIES
▪ PROCUREMENT MANAGER	:	JOHN CURRAN
▪ QA/QC MANAGER	:	RASHID MAHMOOD
▪ HSE MANAGER	:	AZAD ALI
▪ P.R. MANAGER	:	RAED SULTAN

DEPARTMENTS**Total Nos**

MANAGERS	15
ACCOUNTS / PROCUREMENT	18
SALES	23
ENGINEERING / PRODUCTION / TECHNICAL	449
CAD / DESIGN	24
QAQC	6
HSE	9
ADMIN STAFF	49
OTHER SUPPORT STAFF	53

6. FINANCIAL INFORMATION:

- **Bankers** **BNP PARIBAS**
P.O. Box 2742
Abu Dhabi, UAE
- **Auditors** **Talal Abu-Ghazaleh & Co. International**
- **Insurance Cover** **Abu Dhabi National Insurance Company**
- **Bonds Provided**
Tender Bond
Advance Payment Bond
Performance Bond

SELECTED FINANCIAL DATA:**Year ended 2010 :****Turnover: AED 226,264,513.00**

(UAE Dirhams Two Hundred Twenty-Six Million, Two Hundred Sixty-Four Thousand, Five Hundred Thirteen)

PRODUCTS AND SERVICES

1. PRODUCT RANGE:

In addition to system design, supply and sale of standard equipment and spares, Tyco also undertakes the installation and commissioning of systems, training of operators and maintenance contracts:

Products Manufactured, Supplied and Supported by **tyco** :-

<ul style="list-style-type: none">• Fire & gas detection & alarm systems• Vesda detection systems• CCTV systems• Security systems• Access control systems• Integrated systems• Graphic display systems• Waterspray and sprinkler systems• Skid mounted fire protection equipment• Manual alarm systems• INERGEN® gas extinguishing systems• CO2 systems• Building Management Systems• NOVEC 1230™ gas extinguishing system• FM200 gas extinguishing system	<ul style="list-style-type: none">• Structured cabling• Audio visual Displays• Foam systems• Fire monitor systems (water and foam)• Integrity area testing• Passive fire protection• Dry powder systems• Portable and mobile fire extinguishers• Safety and rescue equipment• Live line insulator washing system• Water Supplies / Pumping Sets• Kitchen Hood Fire Fighting System
--	---

2. SPARES, TESTING AND MAINTENANCE:

Spares stocked in our warehouse in Mussafah, along with distribution warehouses in Jebel Ali, for all major systems supplied. Back up is also available from extensive worldwide stocks.

Testing facilities available for products at our Mussafah workshop and Jebel Ali refilling plant.

Maintenance of all systems/products we provide is available 24 hours a day, 365 days a year.

3. INSTALLATION AND COMMISSIONING:

tyco Fire & Security UAE offers :

- Design
- Supply
- Site installation
- Site supervision
- Own labour force
- Full on site commissioning
- In-house training of clients/operators
- On-site training of clients/operators
- Maintenance contracts

4. DESIGN CAPABILITIES:

tyco Fire & Security is an Engineering and Contracts Company who have the capability to using client requirements and specifications as a basis, to carry out full design and produce detailed working drawings using the most up to date computer aided designed software.

5. CONTRACTING CAPABILITIES:**PROJECT MANAGER:**

A Project Manager is appointed who has full responsibility for all activities from the time of order award, through installation, commissioning at site and to the end of the guarantee period.

SUB CONTRACTORS:

Our choice and appointment of sub-contractors is subject to the client's agreement. In the event of a client refusing to agree to our nominated sub-contractor we accept the decision as uncontestable. We then propose alternative sub-contractors until such time as agreement is forthcoming.

MAJOR SUB-CONTRACTOR:

As this is dependent upon the nature of work various Sub-contractors will be employed. Tyco have established an approved list of Major Sub-contractors, which is available on request.

PLANNING:

Contract planning is carried out using Computer Aided Planning and Project Management software, which enables Tyco to produce output in barchart or Critical Path Network.

QUALITY ASSURANCE/QUALITY CONTROL:

Quality plans are developed for contracts and are used to monitor engineering/manufacturing/procurement activities as well as ensuring installation and commissioning procedures are adhered to.

SERVICE and MAINTENANCE

Tyco currently service and maintain onshore Oil and Gas installations carrying out works on Fire & Gas, PAVA, Security Systems, Fixed Extinguishing and Sprinklers. This service is currently carried out to key clients within the U.A.E. on a 24/7 basis which include :

- TAKREER
- GASCO
- ADNOC
- National Bank of Dubai
- Emirates
- ADMA-OPCO

LOCAL WORKSHOP and STORES FACILITIES

Tyco Fire & Security UAE has its own workshop facility located in Mussafah, Abu Dhabi. This facility spans around 2,000 sq. meter area, housing all the necessary requirements to make it a complete unit for all needs of local support on all fabrication, painting, assembly, testing, inspection, etc. for Tyco, in the UAE.

The workshop facility is set up with the following :

1. STORAGE

The storage requirements are housed in separate premises and planned to cater to all the needs of Tyco. This includes for the following :

- Fire protection equipment stocks ready for sale.
- Regular and critical/emergency spare parts, for all fire protection systems.
- Electrical – fire detection and alarm equipment, stocks and spares.
- Tools and tackles for construction work.
- Ready storage for all consumables for the operation of the workshop and site construction.

All the materials moving in and out and the materials inventory is maintained on a day-to-day basis in a computerized manner.

2. FABRICATION

The facility has a covered area housing the main fabrication yard. The fabrication yard has complete equipment, tools and tackles to carry out the major fabrication activities like cutting, grinding, drilling, welding, sand blasting, painting, etc.

This fabrication yard produces all the requirements of Tyco's construction/installation materials like fabricated/threaded/grooved pipework, welded pipe spools, pipe brackets, all the required sand blasting and painting for the above, fire suppression system cylinder skids and enclosures, etc.

3. ASSEMBLY

The workshop facility is where assembly of all fire protection equipment in skid mounted or in enclosures as per the client's needs, is carried out. The skids and enclosures will be completely fit out with the cylinders, manifolds and electrical cabling and terminations. After assembly, it will be ready for hooking up to the site pipework.

4. QA/QC, TESTING and INSPECTION

Tyco has its own testing and inspection requirements laid out for all the items produced in this workshop facility. A dedicated QA/QC Engineer ensures all the requirements of the QA/QC procedures are met with before any material/equipment enters or leaves the facility.

A properly maintained system of documentation for all these activities is the evidence of this compliance.

Tyco's workshop has all the facilities for tests and inspections to be carried out on the fire protection equipment, skids, enclosures and pipework. Pressure tests, weld tests, load tests, etc. are carried out.

Also, Tyco will offer all these materials to third party inspection agencies and to client's and his representative as required.

5. MANPOWER

The workshop facility has well-experienced men of all required categories at all times. Qualified welders, fitters, electricians, special technicians, painters and labors are involved under the supervision of dedicated workshop supervisors and the Construction Manager.

Tyco has all the facilities and access to increase the manning levels than the average at any point to rise to the occasion.

6. WORKSHOP SITE FACILITIES

The Tyco workshop is a well-planned facility with the following :

- Entrance, exit, goods loading and unloading areas, parking areas and walkways
- Dining and toilet facilities for the labors
- Prayer hall
- Fire Fighting equipment
- First Aid equipment
- Plant movement vehicles

QUALITY ASSURANCE

1. QUALITY PLAN:

tyco Fire & Security have an Integrated Management System Manual that establishes and describes the Management commitment and the Quality System Procedures followed in Design, Procurement, Installation, Testing and Commissioning of Fire Detection and Protection Systems by Tyco Fire & Security.

2. QUALITY ASSURANCE:

tyco Fire & Security products have world -wide approval to the following standards :

- NFPA, Underwrites Laboratory, Factory Mutual
- American Petroleum Institute
- American Bureau of Shipping
- U.S. Cost Guard
- LPCB, BSI, QUASCO, BNFL, MOD
- Lloyds Register of Shipping
- U.K. Department of Transport
- Det Norske Veritas
- Germanisher Lloyds
- Bureau Veritas