

Quality Technical Services شركة الخدمات الفنية عالية الجودة

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Who we are?

Company is Service Provider for Electrical, Instrumentation, Fire Protection and detection systems Engineering, procurement, Construction, commissioning, start-up and maintenance services.

Company fields of Business:

- 1. Oil & Gas sector covering onshore and offshore facilities
- 2. Petrochemicals and Fertilizers
- 3. Industrial field covering Automation and All Electrical and Instrument System
- 4. Power Station
- 5. Power Distribution
- 6. Water Treatment Utilities
- 7. Solar Energy Economic Sector
- 8. Domestic Sector

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Our Vision:

- Is to build long-term partner ships with our customer's based on Quality assurance, competitive pricing, Reliable delivery, fast & Easy ordering, payment facilities and free technical support.
- How to become a master of testing and calibration and fluency.
- Our logo is quality, sustainability, integrity, impartiality and confidentiality within the ISO/IEC 17025:2017 standard.
- Understanding the real meaning of calibration within the best calibration Measurement capability (CMC).
- Ensure accurate and timely services for calibration activities and continuously meet or exceed the stated and implied expectations of our customers.

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Our Mission:

To achieve a significant share of the market by providing advanced efficient technologies and customer satisfaction at competitive prices with a more competitive Brands in Europe and Local manufacturing by our R&D team.

QTS meet your following needs:

Safety - Quality - Cost - effectiveness - Emergency response - 24/7 Service - Quick delivery - Solutions for unique problems - Diversified Services - Multi-site Capability - Trusted Partner .

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Scope of Work:

Company have the proficiency and resources to provide technical Services for Brown and Green fields in the following services:

- 1. Construction Supervision & Site Management
- 2. Construction and Installation
- 3. Commissioning & Start-up
- 4. Manpower supply
- 5. Maintenance
- 6. Bulk & Consumable Material Supply
- 7. Testing & Calibration Equipment Renting Service
- 8. Training Center

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Construction Supervision & Site Management :

Company have capabilities to avail high experienced qualified project manager, project engineers, planning engineer, HSE engineer, quality control engineer, instrument and electrical construction lead engineers for construction supervision and site Management.



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Construction and Installation:

Company have the capabilities and resources to execute the following construction and installation activities:

- 1. LV and MV Power Generation, Electrical Distribution sys-tem, Transformers, Lighting system, Substation equip-ment, Switchgear, MCC and Earthing system.
- 2. Installation of Field Instruments (i.e Pressure, Temperature, Level, Flow Transmitters and Gauges)
- 3. Calibration of Field Instruments, Control Valves, On-Off Valves, Pressure regulator and Pressure safety \ relief Valves
- 4. Installation of Cable trays and conduits
- 5. Cable laying and termination
- 6. Installation of Junction Box and Local Panels
- 7. Instruments tubing & fittings installation for pneumatic and Process line
- 8. Installation of Telecommunication system and network
- 9. Installation of Fire Alarm and Detection System
- 10. Installation of Solar panels
- 11. Mechanical and Civil Construction works related to E & I work
- 12. E & I Installation Supervision and Site Management.
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Pre-commissioning , Commissioning Start-up :

Company have the capabilities and resources for the following Electrical and Instrument works:

- 1. Quality control, Check lists and records.
- 2. Pre-commissioning, Commissioning and start-up services.
- 3. Marked-up and As-built Drawings.
- 4. Performance tests for E & I activities.



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Man power Supply:

Company have capabilities and resources to avail qualified and highly skilled lead engineers, and Technicians for Electrical and Instrument Works as following:

- 1. Project Manager
- 2. Instrument & Control Engineering
- 3. Electrical Engineering
- 4. Electrical Construction Engineers
- 5. Instrument and Control Engineers
- 6. E & I Quality controls Engineers
- 7. HSE Engineers
- 8. Electrical Technicians
- 9. Instrument Technicians
- 10. Unskilled labors



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Maintenance Services :

Company provides maintenance Services and programs to Oil & Gas , Petrochemicals, Power station, Power distribution, Water treatment Utilities and Solar Energy.

Bulk & Consumable Material Supply:

supplies wide range of bulk and consumable material in Oil & Gas , Petrochemicals, Power sta-tion, Power distribution, Water treatment Utilities and Solar Energy Bulk and Con-sumable material that QTS can supply is including but limited to the following:

- 1. Conduits and ducts
- 2. Wiring, labels, pins and all requirements for cables termination and Earthing
- 3. Junction boxes, Panels & supporting steel frames
- 4. Tubing and fittings
- 5. Cables & Wires
- 6. Cable Trays

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Testing & Calibration Equipment Renting service :

supplies wide range of testing tools in Oil & Gas, Petrochemicals, Power station, Power distribution, Water treatment Utilities and Solar Energy, Testing Tools that QTS Company can supply is including but not limited to the following:

- 1. Test and measurements tools.
- 2. Portable test instruments.
- 3. Calibration Software.
- 4. Instruments Calibration tools.
- 5. Safety \ relief valve test Benches.
- Decade Boxes for resistance, inductance, and capacitance
 Multifunction Calibrators.
- 7. Process Industry Calibrators for temperature, pressure, and loop signals,

 Programmable Instruments which can be con-trolled via GPIB, RS232, and USB.
- 8.Transformer test unit , Phase sequencer indicator , Earth tester ,

 Electrical load bank, Circuit Breaker analyzer (LV & MV),

 High-Low common adjustable battery charger, Tachometer Hand Held,

 Light intensity meter, Varies 0-240 volts & Insulation.
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COMPANY CAPABILITIES AND RESOURCES:

Electrical Workshop Testing Equipment & Devices:

Company have the capabilities to provide complete electrical workshop equipment and tools for using in the construction of all electrical activities, testing, pre-commissioning, commissioning and start-ups.

Periodical maintenance and calibration (certified from approved authorities) are being performed for ensuring the quality and compatibility of the electrical workshop equipment and tools.



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COMPANY CAPABILITIES AND RESOURCES:

The workshop capable to include all testing equipment such as the following:

- 1. Hi Pot Tester 33 KV.
- 2. Relay test unit.
- 3. Fault locator.
- 4. Transformer test unit.
- 5. Phase sequencer indicator.
- 6. Earth tester.
- 7. Electrical load bank (3Ph, 125 KW).
- 8. Circuit Breaker analyzer (LV & MV).
- 9. High-Low common adjustable battery charger.
- 10. Tachometer Hand Held (-3000 RPM).
- 11. Light intensity meter.
- 12. Varies 0-240 volts.
- 13. Insulation tester.



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Fabrication Workshop:

Workshop should include but not limited to the following:

- Diesel Generator, Welding m/c's, Drillers, Grinders, Flame cutting equipment. etc.
- Pneumatic operated tools required for work at life plant are-as such as drillers, cutters. etc.

Storage Facilities :

Company have ability to provide Storage facilities for instruments and Electrical material.

ELECTRICAL & INSTRUMENT ACTIVITIES:

projects types are electrical and instruments new projects, revamp, upgrading or extension of existing projects and running projects maintenance.

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Electrical Activities:

Company have resources for installation and handling with all electrical low and medium voltage equipment including the following:

- 1. Main electrical equipment
- 2. Power generation system
- 3. M.V switchgear & Motor Control Gear
- 4. L.V Switchgear & Motor control Center (MCC)
- 5. Power Transformer
- 6. Uninterruptable power supply systems (UPS) and Battery & chargers assemblies
- 7. Electrical power Modules
- 8. Lighting fixtures and Emergency lighting



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- 9. Neutral Earthing Resistor
- 10. Power factor correction equipment
- 11. Variable speed drives
- 12.Electrical Heat Tracing system
- 13. Solar power system
- 14. Navigation Aids



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Instrument & Control Activities:

Company have the proficiency and re-sources for installation and handling with all electrical low and medium voltage equipment including the following:

- 1. Instrument mechanical hook-up including supports of steel frames.
- 2. Instrument pneumatic hook-up including air supply piping, tubing and fittings.
- 3. Instrument electrical hook-up including cable laying and ter-mination.
- 4. Installation of SCADA and telemetry system equipment.



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- 5. PLC, DCS, ESD, F&G systems.
- 6. Instruments Loop Check.
- 7. Building Management System.
- 8. Telecommunication Systems and Network Activities PABX System.
- 9. Telephone sets.
- 10. Main distribution Frame (MDF).
- 11. Cable Network, Cabinets and Boxes.
- 12. Publix address and CCTV System.
- 13. Microwave, Satellite, HF/VHF/UHF Communication Systems.



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Services:

Company have the capabilities to provide complete instrument laboratory furnished with all testing devices and equipment required for testing, calibration and loop check of Pressure, Temperature, level instruments, Control valves, On-off valves and Pressure relief valves.

Periodical maintenance and calibration (certified from approved authorities) are being performed for ensuring the quality and compatibility of all devices and tools.

QTS Laboratory is managed by very qualified specialists with big experience in instruments calibration and troubleshooting.







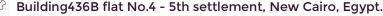
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The Laboratory capable to include all testing equipment such as the following:

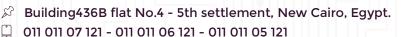
- 1. Hart Communicator.
- 2. Portable pressure.
- 3. Multifunction process calibrators.
- 4. Standard precion test gauges.
- 5. Pressure hydraulic pumps.
- 6. Temperature calibrators.
- 7. Safety Valves.
- 8. OTDR and Power source.
- 9. Portable air compressors.
- 10. Pneumatic control module regulated pres-sure.
- 11. Digital pressure calibrators.
- 12. Electric vacuum pump.
- 13. Variable AC power supplies.
- 14. Digital multi-meters.
- 15. DC supply module.
- 16. Pressure and Vacuum hand pump.





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Civil & Mechanical:

Company execute all Civil and Mechanical work related to E&I activities including construction of substation and control room buildings & warehouse, HVAC and fire fighting for buildings.

CONTRACT & PROJECT BASIS:

Company can manage contracts and projects based on lump-sum basis or unit rates basis.

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Samples of our Coustomers:























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