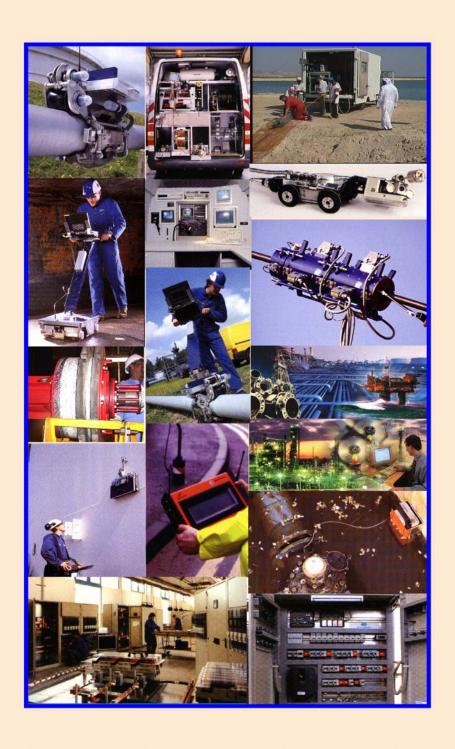


SPECIALISED TECHNICAL SERUICES EST



Company Profile

Company Profile

introduction

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introduction

Specialised Technical Services (*STS*) is well established in the UAE and Middle East region, within the field of Pipeline Inspection, Rehabilitation, Scada System, Safety, and General Trading. We are registered and prequalified with major oil companies, local government departments and private enterprises in the Emirates.





We, at **STS** provide services to the oil, gas, water and sewage industries throughout the Middle East. Our services cover areas of CCTV survey, Laser inspection of pipelines, and pipeline cleaning & rehabilitation. We tailor our services to the specific requirements of our clients and have done so with major projects.

It is our goal at **STS** to provide our clientele with professional, efficient and economical services. Successful completion of all our projects have given us an excellent reputation within the industry and our clientele express their satisfaction by giving us repeated orders. A number of the projects that **STS** has completed were technically very complex and challenging. **STS** proved its capabilities and we are, now, often called in as either advisors or consultants.





STS, have successfully completed the longest CCTV survey in the world utilising specific technology that was developed by us. The inspection of the 10 km, 24" drinking water main from Jebel Dhana to Sir Baniyas island represented a world record. Our professional services resulted in the local authorities issuing a second contract where we surveyed the existing 20" line running parallel to the new one. Both projects were completed well within the specified time and within the projects budget.

Over the last few years we continuously expanded our technical expertise towards utility, oil & gas pipelines, storage tank maintenance & inspection as well as RBI services. Presently **STS** works in close co-operation with companies like M/S Rausch of Germany, M/S LINSCAN Advanced Pipeline and Tank Services, Fierke from Germany, Eurotron, and Digi-Technik both of Austria. We represent these International companies throughout the Middle East, and assist them in their worldwide operations and projects.





Professionalism every step of the way

STS is fully equipped to handle all project procedures and has the capability to design, manufacture, operate and manage, which is required to handle turn key projects. By providing efficient and professional services we ensure maximum consistency and offer our clients great advantages with project coordination, scheduling, and execution.

Approach

STS employs highly skilled engineers and technicians with excellent qualifications and world wide experience. We take a professional approach to our projects and ensure our clients receive complete satisfaction.

Stringent safety standards

In keeping with the company's commitment we adhere to internationally recognized standards and procedures. **STS** follows stringent safety guidelines, and takes all necessary steps to guarantee safety of its employees and the environment. Projects are carried out according to ISO 9000 standards.

Specialised equipment

To ensure maximum accuracy and efficiency, **STS** uses the most advanced state of the art equipment. We constantly improve our services through research and development, and in close corporation with our principles.

STS provides the key to your success



services

With the introduction of modern utilities to the Middle East, **STS** introduced specialized services utilizing the latest technology whilst applying highest standard and providing technically advanced systems. **STS** skills meet the challenges within local and international markets.

CCTV Inspection

STS has completed a number of projects in pipeline inspection using state of the art CCTV equipment. Pipes and pipelines from 2" up to 90" diameter can be surveyed by





umbilical cord covering distances up to 10,000 meters. High resolution digital camera units provide clear insight to the condition of the surveyed area. The remote controlled units are used in water, sewage, sea-water intakes, and other non man-entry areas.

Deflection Survey

None metallic and plastizide pipeline from 4" up to 32" can be surveyed. The system measuring probes scan the internal surface of the pipe in vertical and horizontal plane. Its





application is for quality assurance after construction and calibration of pipe roundness.

GIS and Digital Mapping

Detailed plot surveys of city areas inclusive dimensions, sector layouts, connection and other relevant data collection required for GIS/NIS/SCADA data banks completion





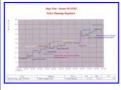


Step Test Program

Step Test measurements are performed in an entire sector, the results are evaluated and reported to be used for detailed leak detection survey.

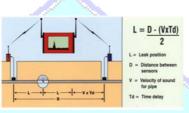






Leak Detection Survey

Thorough investigation in pressure pipelines is carried out using leak noise correlation technique. The leak noise correlation unit consists of two transducers which are attached



at two different points directly on the pipeline or on auxiliary fittings. The transducers pick up existing noise, transform it to electrical signals and transfer the noise via transmitter to the main unit.



Flow Measurement

Special sensors are hooked up to data loggers to measure flow and velocity This information is used to compliment client data banks or for continuous monitoring at control room. Information is transferred either via telephone lines or through portable PC's into the data banks.





Pipeline Product Information

Investigation and data collection of the medium or the pipeline product such as:

- Water quality
- Temperature
- Pressure
- Velocity and flow





Pipeline maintenance

Special pigging for oil and gas pipeline using high performance pigs, pressure by-pass arrangements and other adapters

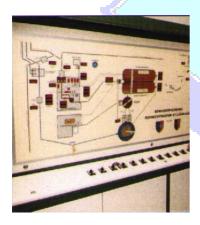
Waterlines are either cleaned by using high pressure jetting, foam pigs or mechanical scrapers. These methods improve the hydraulic performance and water quality as widely accepted in the water industry and by authorities.







Technologies for Water Resource Management



STS in collaboration with European partners form a strong company to serve clients in various field for modern techniques and equipment.

This include

- Sewage treatment plants
- Water supply networks
- Energy management
- Pumping station
- Monitoring equipment
- PLC, software









Service –calibration

- current and voltage
- flow (liquids, gases)
- spare parts
- measuring specialist

Automation

- SMS/ Fax telemetry
- UPS systems
- radio transmission modules
- fibre optic transmission
- SCADA systems
- Analysis technology







CERTQUA

ZERTIFIKAT

Certificate

CERTQUA, the Society of German Industry and Trade for the Promotion and Certification of Quality Management Systems in Vocational Education and Training, confirms that the

SPECIALISED TECHNICAL SERVICES EST. P.O. Box 44880 Abu Dhabi United Arab Emirates

has introduced and applies a quality management system in the scope

Design, Trading & Contracting of Technical Services

An audit with the report number CQ 0415190 RZ confirms that this quality management system meets the requirements of the standard

ISO 9001:2000

and is suitable to realize and maintain the quality objectives to which you are expressly referred.

The certificate is valid until

December 7th, 2007

This certificate is registered by CERTQUA with the number

0452 - 125 - 02 (1)

Bonn, June 10th, 2005

Certification Board

Dipl.- Volksw. G. Woortmann

Joornam

CERTQUA

Deutscher Albred Gerungs Rat

TGA-ZQ-01/95-00

Chief Executive Officer

Dipl. - Soz. A. Orru

reference list

reference list

STS successfully carried out a large number of major projects. Please contact us to request the latest list of recent and completed projects.



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