

TECHNICAL ENGINEERING SERVICES



PROFILE

CREATING LIFE TIME CUSTOMERS

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CORPORATE DATA

- **Established** 2006
- **Nature of Ownership** Sole Proprietor
- **P.E.C Registration No.** C6/65668
- **Total Nos. of Employees** 28
- **Engineers** 5
- **Supervisors** 5
- **Electrician & Technician** 8
- **Welders & Fabricators** 6
- **Others** 6

VISION

To explore new rooms of technological advancement in engineering discipline for updating Techno-economics approaches in order to meet the global challenges.

MISSION

**To render compatible best professional services to our valued clients with utmost devotion, dedication and enthusiasm well within economical frame ensuring durability and dependability
With specific focus on Quality and Customer Satisfaction.
Manufacturing through technological advancement (research and development).**

Employees care retention of talent to bring creativity and innovation.

Compliances of all the requisite standards and policies for meeting customer needs at all time.

INTRODUCTION

M/S (Technical Engineering Services (T.E.S)) is a professional contracting service provider. The company enjoys the reputation as main contractor dealing in the fields of electrical and mechanical. The Company was established in 2006 in Pakistan for manufacturing Low Tension Panel Boards. TES manufactures various types of panel boards conforming to the highest standards of quality which are also exported. To ensure that these standards are maintained, the company's manufacturing facility is equipped with superior production machinery, and under supervision of Managers, Engineers, Supervisors and Skilled labor. The operation is being conducted under the name of title Technical Engineering Services (T.E.S) and having practice experience over a decade, duly registered with Pakistan engineering council PEC our license number is C6/65668. In the initial year of its formation, company mostly remained active in the private sector. However, the importance of works falling under the orbit of public sector had also become a great importance for the company.

During the course of its operations company has achieved experience in valued nature of work involving highest degree of work quality. Quality management is the mark of excellence of the company. As such all-out efforts are made to produce a quality of product to ensure updating of quality parameters for the quality conclusion clients. The company is well supported by a team of highly qualified experienced dedicated engineers, technicians, and field and office staff towards accomplishment of every job to the entire satisfaction of its clients. We believe in flexibility changes moderation adaptability. Our existence and variety on successful completed projects is a sign towards acknowledgement of our adopted approach. While taking advantage of modern management tools and advancement in the technology, we have developed the system for effective project control and execution.

We realize and emphasize the need of communication system working (irrespective for their location) are equipped with latest system duly linked with head office as well as with other allied units for instants communication and disposal of work.

By the grace of ALMIGHTY ALLAH and the well wishes of our clients, Technical Engineering Services has grown manifolds with the passage of time and became capable of handling the projects of any magnitude.

PRODUCT AND SERVICES

Our Products

ELECTRICAL POWER L.T PANEL

DISTRIBUTION PANEL

CONTROL PANEL

MOTOR CONTROL CENTER

POWER FACTOR IMPROVEMENT PLANT

ATS/AMF PANEL

LOAD TAKE OFF PANEL

SYNCHRONIZING PANEL

PLC CONTROL PANEL

CABLE TRAY SYSTEM

RISING WAY STITCHING

BUS TIE DUCT

TEST & TRAIL, PRE COMMISSIONING

Our Services

MV/LV POWER/CONTROL PANELS
(Installation, Commissioning, Testing, Maintenance)

MV/LV CABLES
(Laying, Termination, Joint, testing and commissioning)

GENERATOR (up to 2000 KVA)
(Installation, testing, commissioning and repairing)

POWER TRANSFORMER
(Installation, Dehydration testing and commissioning)

COMMERCIAL / INDUSTRIAL ELECTRIFICATION
(Electrification, CCTV, BMS, Ventilation systems.)

PROTECTION RELAY
(Installation, testing, and commissioning)

INSTRUMENTATION AND AUTOMATION
(Installation, commissioning and Calibration)

MECHANICAL
(Large Steel structure, Oil Storage Tanks, Platforms, Fabrication of pipe lines, Chillers Installation)

CABLE TRAY SYSTEM
(Manufacturing and Installation)

GALVANIZING.
(Hot Dipped, Electroplating, Tin coating)

EARTHING / GROUNDING.
(Earthing Systems)

Note: we are also a general order supplier dealing with our clients and other companies.

FABRICATION FACILITY

Fabrication Units of the Technical Engineering Services (T.E.S) operates as an independent unit being run on professional lines on parallel basis under direct supervision of qualified engineers, Supervisors and Fabricators.

ASSEMBLING FACILITY

We are manufacturing supplying, installing and commissioning different types of electric Power / Control panels of any magnitude ensuring the Quality for proper maintenance thereof within agreed Time frames following images are reflected as samples.

QUALITY CONTROL (QC)

OUR INFRASTRUCTURE AND QUALITY

We manufacture a range of electric control panels and similar products by using various machines. These machines are based on innovative technology and constitute a good amount of production. The Machines are installed in a well-equipped manufacturing facility, which is an integral part of our Infrastructure. Some of these machines are welding machines, plastic molders, cutting and special Purpose machines. These assist us in manufacturing the bulk amount of products and complete the received orders within the stipulated time. The production capacity is completely dependent on the amount of received orders and customers' requirements.

The quality assurance policy followed in our company assures that all products conform to international quality standard. Our quality analysts impact all stages of manufacturing and conform that the products that are marketed are of high quality.

QUALITY ASSURANCE (QA)

In developing products and services, quality assurance is any systematic process of checking to see whether a product or service being developed is meeting specified requirements. Our company has a Separate department devoted to quality assurance. A quality assurance system is said to increase Customer confidence and a company's credibility, to improve work processes and efficiency, and to enable a company to better compete with others. Quality assurance was initially introduced in World War II when munitions were inspected and tested for defects after they were made. Today's quality Assurance systems emphasize catching defects before they get into the final product.

HEALTH, SAFETY, AND THE ENVIRONMENT (HSE)

HSE is the national independent watchdog for work-related health, safety and illness. We are an independent regulator and act in the public interest to reduce work-related death and serious injury across Industrial workplaces.

LONG-STANDING COMMITMENT

Technical Engineering Services (T.E.S) has a long-standing HSE commitment to the highest standards for the health and safety of our employees, and customers as well as to the protection of the environment in the working areas in which we live and work.

HSE MANAGEMENT SYSTEM

The Technical Engineering Services HSE Management System defines the principles by which we conduct our operations Nationwide.

POLICY STATEMENT, STANDARDS, AND ACCOUNTABILITY

Management applies HSE policies and rigorous standards throughout the company.

TESTING PROJECTS

I. ALSTOM GRID PAKISTAN PRIVATE (LTD)

Testing and Commissioning Projects

Project Description:

- Testing of 220KV/11KV Transformer, Test Performed; C & DF, TTR, WR and IR Test.
- Testing and Commissioning of 12 MW WHRS at Attock Cement Pakistan.
- Testing and Commissioning of PLC Panels at Attock Cement Pakistan.
- Testing and Commissioning of 2000 KVA Transformer at Attock Cement Pakistan.
- Testing and Commissioning of MV Panel at SSGC.
- Testing and Commissioning of 58 MVA transformer at Laffarge Cement Ltd.
- Testing and Calibration of Control Loop & Instruments.
- Testing and Commissioning of 1250 KVA transformer at Attock cement Pakistan.
- Testing and Commissioning of MV Panels at IOBM.
- Commissioning of SF-6, Breaker & RCP Panel Testing.
- Testing and Commissioning of 125 VDC Rectifier Charger, & 125 VAC UPS, & % KVA.
- Testing of ACB; Test Include. Contact Timing Test.

II. PAK OASIS (PVT) LTD

Testing and Commissioning of Sub-Station (R.O Plant) South region Karachi.

Test Performed:

Protection Relay Test O/C, S.C, E/F, C.T & P.T ratio test, heaters, control circuitry Test for MV switchgear.

Transformer Turn Ratio Test, Insulation Resistance Test for Distribution Transformer up to 1500 KVA, Make: Siemens.

Insulation Resistance Test, operation mechanism for MCCB, for LV Distribution panel. Testing, commissioning of PFI Relay.

III. PAKISTAN CABLES LIMITED

Testing of Power Transformers up to 1000KVA, Make: CLIMAX, J&P

Test Performed:

Insulation Resistance Test, Transformer Turn Ratio Test and Winding Resistance Test.

IV. KTPS (KORANGI II)

Testing of Power Transformer, Make: GE XD JINAN

Test Performed:

Insulation Resistance Test, Transformer Turn Ratio Test, Winding Resistance Test, Short Circuit / Open Circuit for 2 MVA (low Voltage Dry Type) & 5 MVA (On Load Tap changer).

Insulation Resistance Test, Transformer Turn Ratio Test, Winding Resistance Test for 40 MVA Power Transformers.

V. PEOPLE STEEL MILL LTD

Testing of Power Transformer up to 8.5 MVA, Make: BEST

Test Includes:

Insulation Resistance Test, Transformer Turn Ratio Test and Winding Resistance Test.

VI. HUBCO POWER COMPANY

Testing of Power Transformer up to 380 MVA, Make: TOSHIBA

Test Performed:

Winding Resistance Test.

VII. AMRELI STEEL MILL

Testing of Power Transformer up to 5.5 MVA, Make: ABB

Test Performed:

Transformer Turn Ratio and Winding Resistance Test.

VIII. TESTING ACTIVITY UNDER CONTRACT BY ORIENT ENERGY SYSTEM

KDA, Gulshan, Baldia, Shadman, Valika Grid Stations

Hi-potential testing of 132kV & 220kV cable sheath at 10kV test voltage before & after laying.

Bin Qasim Power Station II (BQPS II)

Testing & Maintenance of VCB Test includes Contact Timing Test, Contact Resistance and Vacuum Bottle test. Also Maintenance of Bus tie duct of 3 nos. Power Transformers at (BQPS II).

Deewan Cement

Testing of 7.5 MVA Turbine.

Rotor & Stator Insulation Resistance Test and Rotor & Stator Winding Resistance Test.

Installation, Testing & Implementation of Energy Analysis System on MV Switchgears.

Installation of Energy analyzer on MV System for power consumption controlling and monitoring.

Aga Khan University & Hospital

Testing of 20 MVA Transformer Includes:

Transformer Turns Ratio, Capacitance and Dissipation factor, Insulation Resistance Test and Winding Resistance Test.

Testing of MV Switchgears includes:

Contact Resistance Test, Hi-potential Test and Protection Relay Test 7SJ6025.

IX. FAUJI MEAT LIMITED FML

Testing of 5nos. Distribution Transformer up to 1.8 MVA, Make: PEL

Test Performed:

Transformer Turn Ratio Test, Insulation Resistance Test and Winding Resistance Test.

X. TESTING ACTIVITY UNDER CONTRACT BY SIEMENS PAKISTAN

Yamaha Motors Private Limited (Karachi)

Testing of transformer & Vacuum Circuit Breaker Testing.

Testing Performed:

Transformer Turn Ratio Test, Insulation Resistance Test and Winding Resistance Test of transformer. Contact timing test of circuit breaker.

Fauji Fertilizer Company Energy Limited (Jhimpir Wind Power Project)

Testing of Protection Relays (Micom 132, 139 and Schneider DPX-1) at FFCEL.

Test Performed:

Over Current, Short Circuit & Earth Fault parameters at all relays.

Pakistan Refinery Limited

Testing of Protection Relays (7SJ602 and CDG 61) and Energy Meter at PRL.

Test Performed:

Over Current, Short Circuit, Earth Fault and Over Load Protection Test, Energy Meter test; measured KWHR and Counter Check.

Testing of Distribution Transformer & Auto Transformer.

Test Performed:

Transformer Turn Ratio Test, Insulation Resistance Test and DC Winding Resistance Test.

B.D.A, Gwadar

Testing and Maintenance services of R.O Plant Sub-station at BDA, Gwadar.

Test Performed:

Testing of Transformer 4MVA and Protection relay and General Maintenance and cleaning of MV panels.

Coca-Cola Beverages Pakistan Limited (Rahim Yar Khan)

Testing and Maintenance services of AVR and MV panels.

Testing Performed:

Transformer Turn Ratio Test, Insulation Resistance Test and Protection Relay Test.

Coca-Cola Beverages Pakistan Limited (Karachi)

Testing and Maintenance services of transformer.

Testing Performed:

Transformer Turn Ratio Test, Insulation Resistance Test and Winding Resistance Test.

Merck Pharmaceuticals (Karachi) and (Quetta)

Thermo graphic testing of MV panels, transformer, LV panels and all DB's located in the company.

OGDCL Qadirpur Gas Field

Testing of Air Circuit breaker (ACB's) with primary current injection test set.

GE Sapphire Power Plant (Sheikhupura)

Testing of 132KV and 6.6KV systems protection relay which includes:

- Distance Protection Relay
- Overcurrent Protection Relay
- Overvoltage Protection Relay
- Differential Protection Relay
- Bus bar Protection Relay
- Synchronizing Protection Relay
- Overcurrent Protection Relay

YKK Private Limited (EPZ)

Testing and Maintenance services of transformer and MV panels and thermography of D. B's
Before and after maintenance of D. B's.

Testing Performed:

Insulation Resistance Test and Protection Relay Test.

Pakgen Power Plant (Multan)

Power Quality and Harmonics testing at LV side of the system.

Testing Performed:

Power Quality of 3P4W system.

Harmonics testing at each nodes of Voltage and Current.

Haidri Beverages Private limited (Islamabad)

Testing and Maintenance services of AVR.

Testing Performed:

Transformer Turn Ratio Test, Insulation Resistance Test and Winding Resistance Test.

Northern Bottling Private limited (Peshawer)

Testing and Maintenance services of AVR.

Testing Performed:

Transformer Turn Ratio Test, Insulation Resistance Test and Winding Resistance Test.

XI. TESTING ACTIVITY UNDER CONTRACT BY BUREAU VERITAS**Centaurus Mall Islamabad**

Testing of Protection Relays (DEESYS).

Test Performed:

Over Current, Short Circuit, Earth Fault Protection.

Testing of Dry Type Distribution Transformer.

Test Performed:

Transformer Turn Ratio Test, Insulation Resistance Test and DC Winding Resistance Test.

Power Quality and Harmonics testing at MV side of the system.

Testing Performed:

Power Quality of 3P4W system.

Harmonics testing at each nodes of Voltage and Current.

Testing of MV Switchgears includes:

Contact Resistance Test, Hi-potential Test and Contact Timing test.

Moreover, Bus Bar insulation testing and 11 KV Cable Hi-potential testing and also thermo graphic survey of MV panels and transformer.

Total Oil Private Limited

Testing of 630 KVA Distribution Transformer.

Test Performed:

Transformer Turn Ratio Test, Insulation Resistance Test and DC Winding Resistance Test.

Power Quality and Harmonics testing at MV side of the system.

Testing Performed:

Power Quality of 3P4W system.

Harmonics testing at each nodes of Voltage and Current.

XII. TESTING ACTIVITY AT DIFFERENT WIND POWER ENERGY

Technical Engineering Services has participated in various Testing activities at Wind Power Projects:

- Contact Timing Test of 132kV Circuit Breaker at Tapal Wind Energy.
- Loop testing of 132kV GIS Circuit Breaker via Primary Current Injection at Dawood Wind Energy.
- Insulation Resistance Testing of 22kV Cable at Dawood Wind Energy.
- Conductor Resistance Testing of 22kV Submarine cable at Zephyr Wind Energy.
- Relay testing at Fauji Fertilizer Company Energy Limited.
- Testing of GSU (Generator Step-up Unit) at Gul Ahmed Wind Energy.

XIII. UNILEVER (FUTEHALLY CHEMICALS PVT LTD.)

Correct, safe and efficient locating of underground utilities including telecommunications, electric, power, gas, water and sewer systems.

Read and interpret utility maps / prints to identify the type and size of underground utilities. Thoroughly search for underground utilities in all over factory, properly marking the location with spray paint or marking tape, completing the necessary paperwork, and photographing each location.

Operate **Megger Easyloc RxTx+** to locate and mark under-ground facilities within prescribed accuracy limits.

XIV. INDUS MOTOR COMPANY (IMC)**Test Performed:**

Over Current, Short Circuit, Earth Fault Protection.

Testing of Distribution Transformer.

Test Performed:

Transformer Turn Ratio Test, Insulation Resistance Test and DC Winding Resistance Test.

Testing Performed:

Testing of MV Switchgears includes:

Contact Resistance Test, Hi-potential Test and Contact Timing test.

Moreover, Bus Bar insulation testing and 11 KV Cable Hi-potential testing and also thermo graphic survey of MV panels and transformer.

PROJECTS DETAILS

I. SCHNEIDER ELECTRIC PAKISTAN

Technical Engineering Services (T.E.S) has Executed / Participated in various type of Power Projects with Schneider Electric Ltd Formerly AREVA T&D Pakistan (Pvt.) Ltd. including installation, commissioning and testing of power equipment's i.e. M.V / L.V Switchgears, Transformers, M.V / L.V Power Cables (Excavation, lying, Joints, Termination) and Cable Trays System etc.

Projects:

1. NATIONAL INDUSTRIAL PARK (KORANGI CREEK)
2. IOBM
3. KTPS
4. ENGRO CHEMICAL (Dharki)
5. ICI LOTTE PAKISTAN
6. ATTOCK Cement Ltd
7. LAFFARGE Cement Ltd

Fabrication and Supply of Cable Tray System include: Pre-Galvanized, Painted, Powder Coated and Hot Dipped Galvanized Cable Trays and their accessories.

Cables laying up-to 300 mm sq. x 3 Cores, Armored, and 11/15 KV Cables under the supervision of NESPAK and other leading consultants. Installation, Testing & Commissioning of Medium Voltage Panel, LT Panels, Large Battery Banks & UPS System at various sites as a Sub-Contractor SCHNEIDER ELECTRIC formally AREVA (PAKISTAN) Pvt. Ltd.

Testing and commissioning of transformers 1250KVA, 2000KVA, 12MVA and 58MVA at different sites.

II. ALSTOM GRID PAKISTAN (Pvt.) Ltd

Technical Engineering Services has participated in various Power Projects with Alstom Grid Pakistan (Pvt) Ltd.

Projects:

1. ZORLU Wind Farm Project.
2. FFC Wind Farm Project.
3. KESC Gulshan Grid.
4. KESC FC Area Grid.

Supply & Installation of Electrical Panels, Hot Dipped Galvanized Cable Tray System, Steel Material etc.

Supply and Installation of Cable Tray System including Hot Dipped Galvanized after Fabrication, Pre- Galvanized, and powder coated, Angle Iron Rods and U-Channels etc.

Manufacturing and Supply of CT's Box for Grid Station in Northern & Southern Region & ATS Panels.

III. DAWLANCE (Pvt.) Ltd

Technical Engineering Services has participated in various Power Projects with Dawlance Private Limited.

Projects:

1. CYCLOPENTANE Project.
2. Retrofitting Project.
3. R-600A
4. Washing

Installation of Electrical Panels, Cable Tray System, Power & Control Cabling etc.

Installation of Cable Tray System including Hot Dipped Galvanized after Fabrication, Pre- Galvanized, powder coated, Angle Iron Rods and U-Channels, Termination of Power and Control Cables, etc.

IV. EBRAHIM TEXTILE MILLS LIMITED (ETM)

Ebrahim textile mills is a complete state of the Art Textile spinning, processing (including complete dyeing and printing range) and stitching Facility of (Ebrahim Group of Companies - Al Karam Group) of production capacity of 3 Millis son per month this project was started in 2010-2011 and completed in 2013-14.

V. PROCTER AND GAMBLE (P&G)

Technical Engineering Services has participated in P&G Project of CI8 Phase II. We are involved in this project as a subcontractor with the Matrix Engineering Private LTD. Installation & Commission of VFDs, Soft-starter, control panels, Power and Control cable laying/Termination, Cable tray network, conduit installation for equipment, testing of cables and motors also verify the loop circuit of control panels and Earthing system and Participation in commissioning of below mention equipment.

List of installation equipment's:

1. 2nd sulphate hoist.
2. Dry Scrap – Screw conveyor.
3. Dry Scrap – Screw conveyor - cooling fan.
4. Dry scrap bin.
5. Dry Scrap bridge breaker.
6. Tower.
7. Cyclone.
8. Cyclone – Rotary valve.
9. Cyclone – Screw conveyor.
10. Cyclone – Screw conveyor – Cooling fan.
11. Cyclone – Reverse screw conveyor.
12. Cyclone – Reverse screw conveyor – cooling fan.
13. Exhaust fan.
14. Exhaust fan hoist.
15. Tower Belt.
16. Tower Belt – Conveyor.
17. Tower Belt – Scraper.
18. Airlift Filter.
19. Airlift Filter – Fan.
20. Airlift Filter – Rotary valve.
21. Airlift Filter – Screw conveyor.
22. Airlift Filter – Screw conveyor – Cooling fan.
23. Base powder belt.
24. Base powder belt – Extraction conveyor.
25. Base powder belt – Scraper.
26. CVC.
27. CVC – Turbine.
28. CVC – Rotary valve.
29. CVC – Big bag filling station.
30. BFS Modification.
31. AHU.
32. Heater Honeywell.

Technical Engineering Services participated in Engineering, Design, and Supply & Installation since Early stage of this project. TES has designed Electrical Power & Distribution Systems, Cable Trays Network, rising way to stitching, Earthing system of Plant machinery and Power House including supply of material and installation, testing & commissioning of equipment's.

VI. T.E.S PROJECT OF EBRAHIM TEXTILE MILLS LIMITED

Estimation and Design of Electrical Power System.

Manufacturing of main L.V and Distribution Switchgear Panels with 4MW main Bus. Including Centralized Energy and Harmonics Monitoring System, Supply Installation Testing and Commissioning.

Design and Manufacturing of PDB's, LDB's, various pump panels, PF panels 500 KVAR etc. Testing and Commissioning of M.V oil circuit breaker (OCB) and 1000KVA Power Transformer M.V Power Cabling. Supply and Installation of Cable Tray System including Hot Dipped Galvanized after Fabrication, Pre- Galvanized, powder coated and Stainless steel. In various types i.e. Ladder, Perforated, Solid Bottom and Basket type.

Raising Way to Stitching Hall (Area: 34000 sq. ft.) for Switch tech stitching lines.

Up-to date Amount of total Project above 35 million.

VII. FAYSAL BANK LTD

Technical Engineering Services has been continuously providing services and Supplying of Electrical and miscellaneous items to Faysal Bank Limited (FBL) in all over the Pakistan since 2006. T.E.S also providing routine maintenance and breakdown services to the branches in Karachi, Lahore, Hyderabad etc.

Project Details

Estimation and Design of Electrical Power System

Supply and Installation of Electrical DB's and Cable Laying.

Manufacturing of main L.V. and Automation of control panels Supply Installation Testing and Commissioning and Electrification

Supply of Electrical miscellaneous items including general items and Refurbished 1000 KVA transformer.

VIII. INDUS MOTOR COMPANY (IMC)

Technical Engineering Services providing services of electrical instrumentation and Mechanical Fabrication in various department i.e. Co- Generation, Paint shop, Bumper shop, Weld shop, Assembly, Training Center etc.

Project:

Installation, commissioning of Power Transformers 1200 KVA, 1000 KVA and 3000 KVA for various departments.

Underground Cable Testing of 11 KV through cable fault detector and repairing/jointing of H.T cable and termination. Fabrication and installation of Primer Tank and sludge Tank at bumper shop.

Complete Earthing System of Co-Generation Power Plant.

Supply and Modification of Boiler electrical instruments and controlling through Microcontroller, transmitters, thermocouple and slow opening valve at Bumper shop. Design, Supply and installation of part booth burner control panel at Paint shop.

Supply and installation of sequence tanning board for Training Center.

Maintenance of L.V panels at (CO-GENERATION) Power Plant.

Complete Electrification of DC Shunt and panel for Primer Tank at paint shop.

IX. ASIA PETROLEUM LTD

Technical Engineering Services as success fully completed renewable energy project with APL and also providing services in calibration for its safety protections of power circuits.

Project

Renewal Energy Project.

Design and Installation of Solar based energy Systems for its remote monitoring stations on fuel supply line from APL facility at Pipri Terminal to Hub Power Company. On four monitoring stations of 95 KM (RFO) pipe line.

Calibration.

Calibration of Safety Relays of 11 KV, 6.6 KV and 0.4 KV Switchgears including trip relay, time delay, Inverse time over current protection, reverse power protection, under voltage protection relay, negative phase sequence, lock out relay, and kWh energy meter 11KV, 0.6KV etc.

X. K.S SULEIMAN JI ISMAIL JI & SONS PVT. LTD. (KOLSON)

LG (Korea) Chiller 20 Tons: Complete installation including Air Handling Units, Cooling Towers, Circulation pumps, Compressor Units, Valves, Interconnected Pipe Lines and Chilled Water Lines up-to 12-inch diameter such 40 MS pipe.

Oil Storage Tanks

TES are fabricating 3 no's Oil Storage Tanks, 25 Feet Height and 16 Feet Dia using MS sheet 6mm and 5mm as a sub-contractor of Star Engineering. Complete design and fabrication works as per client requirement.

XI. BYCO PETROLEUM LTD.

Technical Engineering Services (T.E.S) has executed repairing of various transformers which includes changing of transformers radiators, top plate and bushing seals. Oil filling and dehydration of transformers and coloring of transformer. Testing of transformers includes: Winding Resistance, Transformer turns ratio, insulation resistance & oil di-electric test.

XII. MATRIX ENGINEERING SERVICES (Pvt.) Ltd

Matrix Engineering Services is working as a Contractor firm which is domain in Heavy Mechanical Structural or Oil Tank Fabrication.

Technical Engineering Services participated with Matrix Engineering Services in Engineering, Design, Supply, and Installation since Early stage of this project. TES has designed Electrical Power & Distribution Systems, Cable Trays Network, Earthing system of Plant machinery and Coal Fired Boiler including supply of material and installation, testing & commissioning of equipment's.

T.E.S PROJECT WITH MATRIX ENGINEERING SERVICES

Estimation and Design of Electrical Power System.

Installation of Electrical and Instrumentation System of Coal Fired Boiler at Dalda Foods.

Installation of Electrical and Instrumentation System of Coal Fired Boiler at MAPAK Edible Oil Refinery.

And Installation of Electrical, Mechanical and Ducting System at Shadman Electronics Pvt. Ltd. (Cyclo-Pentane Project).

Supply and Installation of Cable Tray System including Hot Dipped Galvanized after Fabrication, Pre- Galvanized, powder coated and Stainless steel. In various types i.e. Ladder, Perforated, Solid Bottom and Basket type.

OTHER CLIENTS

- I. PAKISTAN INTER. CONTAINER TERMINAL LIMITED (PICTL).
- II. JOHNSON AND JOHNSONS LIMITED.
- III. ABBOTT LABORATORIES.
- IV. EPOCK PHARMACEUTICAL.
- V. YOUNG'S FOOD.
- VI. KING'S FOOD.
- VII. SHANGRILLA FOOD.
- VIII. ASLAM CHEMICAL INDUSTRIES.
- IX. ENGRO CHEMICALS & POLYMERS & EPTSC TELECOM.
- X. BOC PAKISTAN.
- XI. ALKARAM TEXTILE MILLS TLD
- XII. AVARITOWER.
- XIII. MARRIOT HOTEL.
- XIV. ATLAS HONDA PRIVATE LIMITED.

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