



عربتك
ARABTECH

www.arabtech-est.com

COMPANY PROFILE



INTRODUCTION

ArabTech Trading and Contracting Company was incorporated in 2004 with the purpose of providing support systems and services for the Saudi Electric Company in the Western Province of the Kingdom of Saudi Arabia.

Since its creation, ARAB TECH has evolved into a multi-disciplined organization comprised of multiple divisions and affiliates. This evolution was inspired by the growing needs of customers in the region.

As a part of this inspired evolution, ARAB TECH had established multiple divisions to provide engineering, project management and technical field services, our services include:

Engineering Design and Consulting Services

Project Management Services

On Site Testing, Commissioning and Maintenance Services

Protection System and Distribution Equipment Upgrades

Instrumentation and Control Systems (SCADA, PLC and DCS).

Lump Sum Turnkey Electrical Contracting

Our philosophy is to differentiate ourselves by offering creative solutions that not only meet the immediate needs of our customers, but are sustainable for the future as well. We believe that customer satisfaction can only be achieved through a firm commitment to providing solutions that are cost effective, accurate and relevant to identified needs.

Our ability to offer efficient, creative and quality engineered solutions lies in the technical strength of our team and the advanced technology of the products we use. Over the years, we have partnered with technology suppliers that offer intelligent products thereby allowing us to custom engineer and support our solutions with versatility, quality and reliability.





Regardless of the nature or scope of our customer's requirements, we are committed to ensuring that our solutions and services form a critical part of our customer's overall success.



OUR VISION

Our Vision To become a preferred provider of engineered solutions and technical services in the field of high, medium and low voltage power generation, distribution and control.



OUR MISSION

Our Mission To provide innovative, reliable and effective solutions to our customers through the principles of value-added engineering, teamwork, quality of service and commitment to excellence. By adhering to these principles, we continue to build a company whose customers and depend on, and whose employees are proud to be a part of.



OUR VALUES

Our values We are committed to ensuring every step of our process encompasses the following values:

- Respect** : for our employees, partners and customers by understanding their needs and earning their trust.
- Teamwork** : between our employees, partners and customers through open communication and sharing of expertise and know-how.
- Integrity** : in our approach through focus, fulfillment of commitments and actively searching for the best outcome for our employees, partners and customers.





Honesty : in our relationships with employees, partners and suppliers to ensure the solutions we provide meet customer expectations.

Innovation : in harnessing and applying the latest technologies to provide customized, value added services for our customers.

Sustainability : by ensuring our services aid in the growth and success of our customers which will in turn lead to our own growth and success.

OUR PROCESS

We realize that when chosen to provide a service, our customers have entrusted us with ensuring their success. It is due to this realization that we employ a process focused on delivering the right solution. Our process is comprised of the following activities:

Understanding our customers' requirements

Every solution starts with an evaluation of the customer's existing system, material requirement and the desired end result after solution implementation. By studying the parameters we are able to advise our customers on potential problems or improvement areas very early on in the project. This creates an alignment between us and our customers as to the form, fit and function of the required solution. This also fosters a relationship of trust and transparency that is critical to the success of any project or service.

Value Engineering

Efficient and effective solutions are characterized by their simplicity and relevance. It is our goal to provide added value to our customers by ensuring our solution are simple to operate, simple to maintain, applicable to the desired end result and scalable for future growth. We strive to add value through a detailed engineering process that results in an operations-oriented final design.





By keeping the operational aspect of our solution at the forefront, we ensure simplicity and relevance of the final solution and hence is added value.

Resource Management

Providing creative and cost effective solutions are of no value without ensuring they are delivered on time. This requires continuous identification and scheduling of resources, whether man or material, to ensure target milestones are achieved. At every stage and level, we are focused on making sure resources are available to properly support, execute and ultimately bring to realization the solution our customers have entrusted us with.

Technical Support

We believe our success and growth is directly linked with the satisfaction of our customers and that customer satisfaction does not end upon project completion. Supporting our customers is paramount to achieving our vision of being a preferred provider of engineered solutions and technical services. Our technical support comes in many forms, from consulting advice on future requirements to on site trouble shooting and operator training. In all cases, we are focused on providing our customers with the support needed to ensure their success.

Continuous Improvement

Aside from the focus and energy we invest in providing and supporting our customers with quality, value-added and creative solutions, we continually assess operational performance throughout the implementation lifecycle. We understand that every solutions has its own unique requirements and hurdles. We are committed to finding better and more improved ways of delivering our services and solutions to our customers by using lessons learned and implementing best practices.





OUR SERVICES

Projects and Project Management Services

In today's competitive market, projects success is dependent on a company's ability to properly manage project execution while controlling its costs. This requires the proper integration of engineering, procurement and construction activities as well as conflict resolution and issue identification prior to becoming problems.

Our project management services are geared towards providing customers with a dynamic project management solution – from coordination of engineering, procurement and execution activities, to creation of base and detailed project scheduling and cost control functions. Specially developed project tracking tools are used to provide visibility on major project areas. These tools, in conjunction with the use of industry standard project management scheduling software, provide all parties involved in the project with pertinent information to ensure issues are resolved and targets are met.

The end result is a project management service focused on establishing priorities, coordinating activities and aligning project stake-holders to ensure projects are completed safely, on time and within budget.

Our projects services are extended to cover the following fields:

- Supplying, installation of electrical equipments such as Transformers, MV and LV switchgear, control panels, relay panels, RMUs, Package Substations ... etc.
- MV Cable Laying, Splicing and Termination up to 34.5 KV.
- MV and LV switchgears upgrade and extension.

Engineering Design and Consulting Services

Our engineering design and consulting services range from providing detailed engineering support to electrical equipment manufacturers to conduct power





system studies for customers in the oil and gas, industrial and utility markets. More specifically, these services include:

- Base and Detailed design service for LV and MV distribution equipments.
- Base and Detailed design services for power Generation equipment Control and Systems Engineering for MV and LV Generation and Distribution Networks.
- Protection coordination and Power System Analysis Studies (Load Flow Studies and Short Circuit Studies).

Our ability to provide these services is based on the multi-faceted level of expertise our staff of electrical engineering possess and the select engineering tools used. We provide power system studies in ETAP or SKM, depending on the customer's requirement, and utilize AutoCAD® for all design works.

Engineering and Consulting requires in depth knowledge of the systems being designed. Such in-depth knowledge can only be obtained through firsthand experience. The wide range of experience that our staff possess, from both client and contractor perspectives, allow us to confidently offer the service with a level of detail and understanding only firsthand knowledge can provide.

Technical Field Services

Our technical field services range from performing site acceptance testing of HV, MV and LV distribution equipment and protection panels to performing on-site trouble shooting, operation / maintenance testing and equipment upgrade services. More specifically, these services include:

- Testing and Commissioning of HV, MV and LV distribution equipment.
- Testing and Commissioning of Protective Relays and Systems.
- Testing and Commissioning of DCS / SCADA Control Systems.
- Testing and Commissioning of UPS / Battery Charger Systems.
- Protection System and Distribution Equipment Upgrades.





As a part of our commitment to ensuring our services meet customer expectations, we ensure all of our technical field service activities are in accordance with local and industrial standards. Arab Tech team is providing testing and commissioning services according to different International Testing Associations and Standards such as (NETA, IEC, IEEE, ANSI ... etc) and as such follows all Standards requirements when conduction site acceptance and maintenance testing in addition to customer specific acceptance and maintenance testing requirements.

PROJECTS LIST

CLIENT	PROJECT	Location
ABB Services Co. Ltd.	T&C of Line and Transformer Protection Panels	Alwadjh-Tabouk
ABB HVPD Co. Ltd.	Control wiring for LCC panels of 380 KV S/S as per IFC drawings	Al Taif
ABB Services Co. Ltd.	T&C of MV SWGR and Relays at SABIC - Ibn Zahr	Jubail
Al Mashariq Trading & Contracting Co.	T&C OF MV, LV SWGR and MCCs with ARAMCO.	SHAYBAH
Al Mashariq Trading & Contracting Co.	T&C of Najran WPS 115/33/13.8 KV S/S, Protection Panels, Relays, Transformers, CTs, VTs, CBs, Final Commissioning and Final Trip Test.	Najran
Al Mashariq Trading & Contracting Co.	T&C of Nabiah 115/13.8 KV S/S, Protection Panels, Relays, Transformers, GIS, MV SWGR, CTs, VTs, CBs, Final Commissioning and Final Trip Test.	Dammam





CLIENT	PROJECT	Location
Al Mashariq Trading & Contracting Co.	T&C of Nabiah 115/13.8 KV S/S, Protection Panels, Relays, Transformers, GIS, MV SWGR, CTs, VTs, CBs, Final Commissioning and Final Trip Test.	Jubail
Al Mashariq Trading & Contracting Co.	BB protection implementation for existing 33 KV at 8902/8903 S/S including trip and control circuit modification	Hail
Al Olayan Co.	Trouble Shooting and Maintenance of existing MV SWGR.	Qassim
Arabian Qudra Co.	MV 33KV SWGR extension in SEC S/S with T&C of the new erected panels and End to End test.	Riyadh
Hadeem Contracting Co.	Cable Termination for 40 points in Girls College	Riyadh - Huraimelaa
Innovative Systems Co. Ltd.	T&C of Line and Transformer Protection Panels	Al Baha
Nour Energy Co.	T&C of Wadi El Dawaser 33/13.8 KV S/S, Protection Panels, Relays, Transformers, GIS, MV SWGR, CTs, VTs, CBs, Final Commissioning and Final Trip Test.	Wadi Aldwaser
AUVA Co.	T&C of BB extension in Al Rass S/S	Qassim
AUVA Co.	Control wiring termination in PP-9 power plant protection panels upgrade	Riyad
AUVA Co.	T&C of Line and Transformer Protection Panels	Jeddah
ABB Services Co. Ltd.	Pre-commissioning of Al Fakhriyah 115/13.8 KV S/S	Dammam





CLIENT	PROJECT	Location
Samsung Saudi Arabia Ltd.	STN Transformer testing and Step and Touch Voltage measurements.	SHAYBAH
Saudi Jood Co.	T&C of Line and Transformer Protection Panels	AL MADINAH
TECHSEN Co.	T&C of MV, LV SWGRs, MCCs, and Motors with MA'ADEN	Ras El Khair
TECHSEN Co.	T&C of MV, LV SWGRs, MCCs, and Motors with SABIC	JUBAIL
TECHSEN Co.	T&C of MV, LV SWGRs, MCCs, and Motors with SADARA	JUBAIL
Dammam Univercity - King Fahad University of Hospital (KFUH).	Supplying, Installation and Cable Laying of MV 500kVA and 1500kVA Package Substation in Hospital Residential Compound	Al Khobar
Dammam Univercity - King Fahad University of Hospital (KFUH).	Replacement of Existing Faulty MV Cable including Supplying and Cable laying between SEC S/S and existing Package S/S in Hospital Residential Compound	Al Khobar
Dammam Univercity - King Fahad University of Hospital (KFUH).	Replacement of Existing Halogen and sodium street and garden lighting with LED lighting Fixture including supplying of lighting poles, cables and installation of lighting poles and laying cables.	Al Khobar
Al Wataniah Co.	Routine Testing and Maintenance of Protection Relays including final setting implementation and trip test.	Qassim





OUR CLIENTS



