



## TESTING & COMMISSIONING UNIT

PROVIDES THE RIGHT SOLUTION WHERE AND WHEN YOU NEED THEM



**TAQQAT your Energy Development Partner is offering high quality Electrical engineering testing and commissioning services which translate into significant benefits for contributory client's growth commitment.**

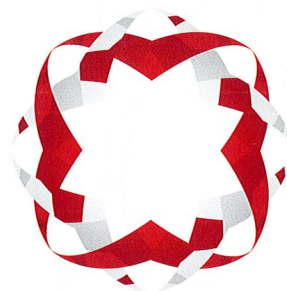
**No matter what is your energization needs, maintaining efficient, long-term operations of your power delivery equipment we are your right choice**

TAQQAT's vast knowledge of electric power systems design and construction able to develop testing and maintenance programs to suit your needs today & tomorrow, our services covering the Testing & Commissioning of the following field

- Generation
- Transmission
- Distribution

We can support your project whatever it will be

- Government/ Semi Government Projects.
- Military Facilities.
- Industrial Process Plants .
- Commercial Properties .
- Health Care Facilities .
- Data Centers



# TAQQAT

A member of the  
Abdulla Fouad Group



## TESTING AND COMMISSIONING SERVICES

HV & LV Switchgears.  
Power Transformer testing and evaluation.  
All types of Protective Relays.  
Current and Voltage Transformers Tests.  
Ground Grid Testing.  
Cable and Cable Fault Locating.  
Circuit Breakers service and testing.  
Shunt Capacitor & Reactor Tests.  
Electrical Equipment refurbishment & repair.  
Electrical System Upgrades.  
Troubleshooting of electrical equipment or systems.  
Commissioning and pre-energization services  
Safety services, grounding plans, switching assistance

## RELIABLE OPERATION OF YOUR ELECTRICAL EQUIPMENT

TAQQAT testing and commissioning provides services that promote long-term efficient operation of electrical systems. We are mobilizing teams to all Saudi Arabia & Bahrain for servicing power delivery systems from 400V to 500 kV.

## ACCEPTANCE TESTING

Acceptance testing determines that each piece of electrical equipment is ready for energization and that it will operate as designed and perform as an integral part of the system. Test personnel inspect and provide acceptance testing on each piece of the equipment to verify it meets specification to, energize and verify the overall installation of the system conforms to the drawings.

## ENERGIZATION

Once our team determines that individual pieces of equipment are operating properly, our testing engineers develop an energization plan. We energize the entire system to verify it is operating as intended and meeting design requirements. Our clients receive full documentation of the system's performance and integrity.

## PREVENTATIVE AND PREDICTIVE MAINTENANCE

We provide consultation for development of electrical system maintenance programs that help prevent unplanned outages and maximize service life. Comprehensive maintenance records are included to help identify recurring problems. We have the manpower and equipment to provide maintenance services to large facilities in Saudi Arabia & Bahrain as well as specific industries worldwide.



## YOUR ENERY DEVELOPMENT PARTNER



**TAQQAT**  
A member of the  
Abdulla Fouad Group

### HEAD OFFICE:

Dammam – Khobar Highway,  
P. O. Box 257, Dammam 31411  
Kingdom of Saudi Arabia  
Tel: +966 13 810 1802  
Fax: +966 13 810 1800  
info@taqqat.com  
www.taqqat.com

