



AL RAMIZ
ELECT. CONT. LLC



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AL RAMIZ ELECT. CONT. L.L.C.

AL RAMIZ Electrical Contracting L.L.C. is a private Electrical Contracting Company operating in United Arab Emirates. AL RAMIZ strives for client satisfaction and has good reputation with all has served. We are serving our valued Customers by a team of professionals, having more than 25 years of experience in the electrical field. Since its establishment in 2010, the company has served both government and private sector industries. We have gained this reputation through the commitment of management to deliver quality products and services to all of our valued clients.

We are committed to provide professional assistance in project management with concern of vital time schedule, budgets and high quality value added services according to customer's need.

CAPABILITIES AND OPERATIONS

We undertake Erection, Testing, Commissioning, Maintenance, Servicing and Rewinding of power and Distribution Transformer, Motors, Generators, Cable Laying & Termination, Earthing, HT & LT switchgear maintenance testing and associated electrical equipments.

Our well experienced skilled persons are our most valued assets. Quality, Safety and Client Satisfaction are given top priority in all of our operations.

Our workshop is fully equipped to carry out the maintenance, rewinding of motor/transformer coils and electrical testing as per Industry Standards. We do all kinds of routine tests carried out on the electrical equipments attended by us for their trouble free service and guaranteed performance.

AL RAMIZ has strong relation with many major manufactures and suppliers and is well supported in the UAE.



OUR SERVICES



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REWINDING

AL RAMIZ, in a short period of time has gained valuable reputation due to the quality service provided by our team of professionals who have more than 25 years of experience in this field.



TRANSFORMER REWINDING

AL RAMIZ performs all types of Transformers including rewinding varying from Distribution Transformers including Oil-cooled and Dry Type Transformers.

Our staff is also capable of rewinding CT, PT and VT Transformers.

Our transformer rewinding services includes:

- On-site testing and consultation
- De-commissioning and transportation to our workshop
- Un-Tanking of transformer core
- Removal of damaged coils
- Rewinding as per specifications
- Delivery, installation, testing and commissioning



MOTOR REWINDING

AL RAMIZ services include complete testing failure analysis, stator rewinds, Rewinding/Repairing of AC and DC motors and also Ugradation of motor winding according to Client's requirement. We are capable of rewinding & servicing motors upto 400 kW.

- Basic reconditioning
- Stator rewinds
- Electrical testing
- Stator and rotor core restack
- Armature & wound rotor rewind
- Bearing replacement
- Rotor shift maintenance, balancing and servicing
- Rotor repair/replacement



OUR SERVICES



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CABLE LAYING & TERMINATION

AL RAMIZ is fully trained in fixing of GI Cable Trays, Cable Laying as well as in excavation and Cable Termination of LV and HV cables of any size. Our Cable technicians are well equipped and experienced to handle cable preparation, pulling, jointing cable termination, testing, commissioning and maintenance. Whether you need high, medium or low voltage electrical armoured cable laying in a building or an industrial complex, underground or over the tray, you can count on us to deliver to your specification.



CABLE TESTING

Our staff is well experienced and equipped with the latest technology to carry out High potential cable testing As following up to 132kV cables:

- Phase Identification Checks
- Measurement of DC Conductor Resistance
- Capacitance Test
- Positive/Negative Sequence Impedance Measurement
- Zero Sequence Impedance Measurement
- Insulation Resistance Test
- High Voltage Test



EARTHING & LIGHTING PROTECTION

We are also doing Earthing & Lighting Protection work. Having upto date earthing material and equipments to keep its value less than 1 OHMs. We can install earthing systems to ensure heavy current is passed on to the earth when needed, protecting your premises from any electrical hazards. A properly earthed system will carry away a leaking or fault current harmlessly while tripping the fuse, eliminating the risk of any fatal injuries.



OUR SERVICES

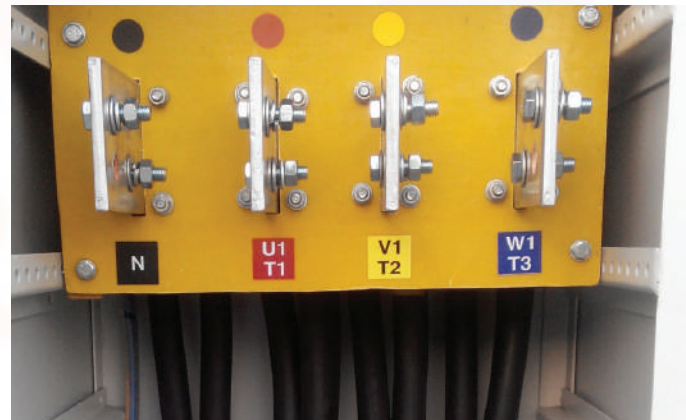
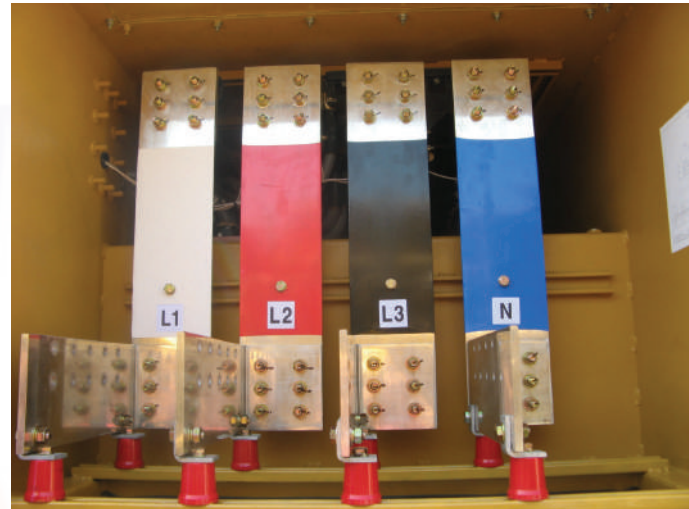


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GENERATOR MAINTENANCE AND BUSBAR MODIFICATION

We also perform complete Generator Servicing & Maintenance, Busbar Modification for Cable Connection as per Clients requirement.

- Generator Overhauling
- Generator Alternator Repairing
- Busbar Modification
- Generator Rental with Electrical Panel
- Generator Connection Box Modification
- Gland Plate Fixing
- On-site Installation & Startup
- Electrical Panel Installation according to specification
- Installation of Current Transformers



CAPACITOR BANK REPAIRING AND MAINTENANCE

AL RAMIZ provides complete capacitor bank maintenance services, ensuring your capacitor bank protection of power system against power factor loss. AL RAMIZ provides capacitor maintenance for a range of automatic capacitor banks & fixed capacitor banks. We can repair individual capacitors within your capacitor bank, improving your power system's power factor requirement according to your preference.



OUR SERVICES



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TRANSFORMER MAINTENANCE SERVICES

Our transformer maintenance services include:

- Repair to original specifications
- Rewinding services
- Insulation testing
- Leak detection and rectification
- Oil testing
- Pressure clamping
- Replacement of parts and accessories
- Gasket/bushing repair
- Breakdown inspection
- Replacement of oil
- Oil testing and filtration services
- Transformer modifications
- OLTC services and repair
- Erection and commissioning



ERECTION AND COMMISSIONING

TRANSFORMER ERECTION & COMMISSIONING

Our experienced staff is specialist for the installation, commissioning, de-commissioning, movement, dismantling and disposal of distribution and power transformers ranging from 6.6kV to 400kV.



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SUBSTATION TESTING AND COMMISSIONING

With over 25 years of experience in servicing transformers at sites, our staff has the capability to meet your substation requirements. Our staff are backed up by the support of our transformer engineers, laboratory services and repairing capabilities.

OIL HANDLING

TRANSFORMER OIL FILTRATION

AL RAMIZ's filtration plant removes water, dissolved gases and any kind of dirt from the transformer oil. Our skilled staff is completely capable of performing on-site services. We offer equipment, processes and solutions including oil filtration plants. We also have mobile oil filtration systems to perform the following services:

- Oil filtration & dehydration of insulation fluids using hot oil circulation
- BDV (Breakdown Voltage) test to determine quality oil filtered transformer oil
- Filtration of particulars using 0.5 and 1 micron filter
- Vacuum drying of the core coil and insulation system using the hot oil fill method
- Nitrogen filling for Oil Replacement.



OIL TESTING

We offer BDV (Breakdown Voltage), DGA (Dissolved Gas Analysis) test of various types of oil. By using oil quality, we provide diagnosis of the fluid condition and functional health of the following equipments:

- Transformer cable boxes
- Transformer main tank
- Oil circuit breakers
- Load tap changers



TESTING



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ELECTRICAL TESTING

Our testing engineers are totally equipped with state-of-the-art electrical testing equipment from Europe, USA, India and China for carrying out all kinds of electrical tests on motors, transformers, switchgear, cable systems, battery systems and overhead power lines



TRANSFORMER TESTING

Our skilled testing engineers are equipped with the latest electrical testing equipments and provide onsite testing of your transformers. We specialize in the following transformer tests:

- Tan Delta & Resistivity Testing for Transformer Oil
- Acceptance Testing
- SFRA – Sweep Frequency Response Analysis
- Tan Delta & Capacitance Measurements for Windings and Bushings

EARTH MEASUREMENTS

We use latest equipments for all earthing measurements.

- Grid Resistance Measurement
- Step & Touch Potential
- Earth Pit Potential

CT ANALYZER & INSTALLATION

We use the latest CT test equipments to perform testing on your current transformers.

- CT current ratio
- Knee point voltage
- Winding polarity
- CT excitation
- CT Insulation Resistance



TESTING



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OVERHEAD LINE TESTING

AL RAMIZ has a wide range of testing equipments to perform OHL testing on up to 400kV systems. Our testing team is well equipped and qualified to undertake OHL tests like:

- Susceptance Test
- Zero Sequence Impedence
- Phasing / Phase Rotation
- Conductor resistance
- Insulation resistance
- Positive and Negative sequence impedance



SWITCHGEAR TESTING

Our MV, LV and EHV level testing, maintenance, trouble-shooting and inspection services include:

- Protective Relay calibration
- Insulation power factor Testing
- High voltage test up to 120 KV AC
- Panel Busbar Testing
- Voltage Transformer Calibration
- Transformer and OCB oil work
- Complete functional Testing
- Current transformer Saturation, connections
- Polarity Check
- Control Wire function Checkout



THERMAL IMAGING INSPECTION

Infrared electrical inspections find hotspots caused by defects in connections and components. Infrared thermography is used to find areas of excess heat (caused by increased resistance) so that problems can be corrected before a component fails, causing damage to the component, creating safety hazards and productivity loss. Because increased heating is a sign of failure, infrared is the best diagnostic tool available for finding these hot connections in the early stages of degeneration. We provide PPM (Planned Prevention Maintenance) equipped with the latest technology in Thermal Electrical Inspection to ensure the best possible safety of your equipments.



PROTECTIVE RELAY TESTING

AL RAMIZ has experienced field engineers with latest equipments to test and calibrate all makes and types of protective relays. We test most types of 3-Phase generation, line distance, differential and power relays.

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|-----------------------------|--|
| • Line differential relays | • Transformer differential relays of all types and makes |
| • Back up Protection relays | • Distance protection- Numerical or Non numerical |
| • REF protection relays | • Generator Protection |
| • Static relays | • Motor Protection |
| • Feeder Protection | • Voltage Frequency & Current Relays |

RENTAL



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EQUIPMENTS RENTAL

We offer the Supply of Electrical Equipments and Accessories for Rental which includes the following:

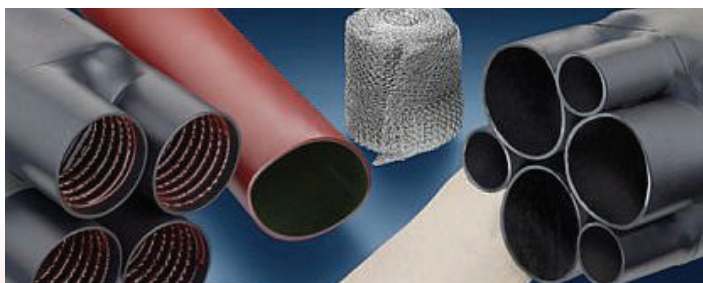
- Transformer Oil Filter Machine,
- Various Capacity of Vacuum Pumps
- Winding Resistance Unit
- Insulation Resistance Tester
- Earth Resistance Tester
- Transformer Oil Tester
- Thermal Imaging Camera
- DC Hipot Kit
- VLF AC Hipot Kit
- Cable Rollers
- Cable Jack
- Hydraulic Crimping Tools

Many other Electrical Equipments for Testing, servicing and Maintenance purpose in which all are available in various Makes and Ranges as per your Requirements.



SUPPLY OF ELECTRICAL EQUIPMENT & ACCESSORIES

- Panel Boards
- Distribution Boards
- Electrical Extension Enclosures
- Transformers & AVR for specific use
- Transformer Oil
- Cable Termination Kits
- Earthing Material
- Other Electrical Material on Order

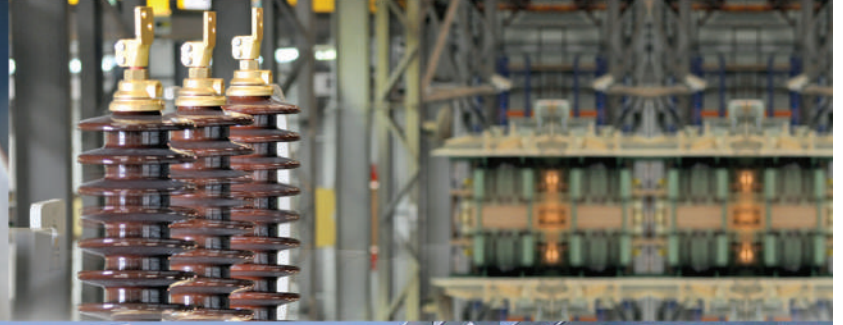
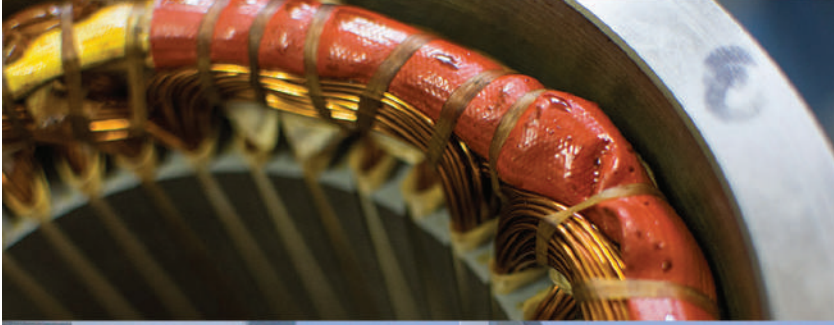
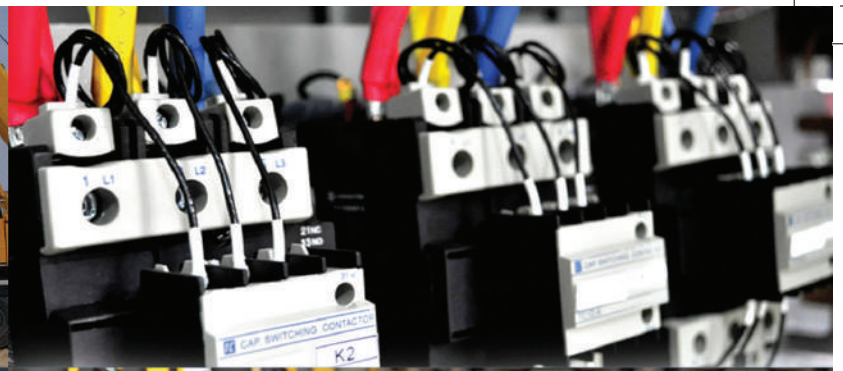


CLIENTS



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