

HT LT SWITCHGEAR, METERING AND CALIBRATION SERVICES

(DIVISION OF UPT SPARES & SERVICES)



360-DEGREE SOLUTIONS IN SWITCHGEARS

Design and Installation | Calibration and Maintenance | Spares and Technical Assistance

UNIVERSAL
SPARES & SERVICES



NOW GET BOTH SWITCHGEAR SPARES AND SERVICE FROM ONE PLACE

With a fully integrated roster of services and spares, Universal is the only partner you need to keep your substation free from defects and downtime. With a wealth of specialized domain knowledge, our expert teams are always on standby to prevent errors and improve your standing in the market. Say goodbye to having to deal with multiple vendors for your varied requirements. Our portfolio is diverse, yet synergistic. Experience industry-leading expertise and end-to-end support from one dependable team.



HV/LV SWITCHGEAR, METERING AND CALIBRATION SERVICES

- ☑ Periodic maintenance of LV, MV and HV switchgear
- ☑ Routine test of LV, MV and switchgear
- ☑ Calibration of meters & protective relays
- ☑ Power system protection coordination (Relay co-ordination)
- ☑ Condition monitoring tests
- ☑ Testing and commissioning of generation, transmission and distribution network
- ☑ Annual planned preventive maintenance activities
- ☑ Emergency breakdown services
- ☑ Repair & refurbishment / alteration in existing control panels
- ☑ Supply of all kinds of spare parts of LV, MV and HV switchgear



SUBSTATION MAINTENANCE (LT/HT)

Maintenance of the substation equipment is an integral part in increasing the reliability of the power distribution system of any industry. It does not only give an insight of the equipment condition, but increases its efficiency while decreasing the possibility of down time that could contribute to greater loss for any industry.

The UPT maintenance plan covers all aspects that are required for proper maintenance of the substation equipment. Our professionally trained and experienced staff provides onsite maintenance services for LV & MV switchboards and transformers.



THE ONLY PLACE TENSION BELONGS IS IN THE POWER LINES

Whether you are responsible for a low, medium or high-tension switchgear assembly or substation, what your customers expect from you is reliability. With us on your side you can finally say goodbye to all maintenance and spares related hiccups. Say hello to a new class of expertise and reliability in substation maintenance

THE YEARLY MAINTENANCE PLAN (HV, MV & LV Switchboards)

The maintenance plan for switchgear comprises of industry best practices and also in compliance to national and international maintenance standards.



PLAN DURATION - 1 YEAR

- * General cleaning and visual inspection
- * Check on integrity of insulating parts & cleaning
- * Check and clean of the main coupling and connection contacts
- * Check electrical operation
- * Check auxiliary voltages
- * Functional testing of VCB, SF6, RMU, ACB (Electrical / Mechanical operation)
- * Connection tightness of power & control cables / mechanical components, joints and lubrication of moving parts including contact jaws and trolley racking mechanism
- * Visual inspection and connection check of CT's and PT's
- * Verification of voltmeter/ ammeter at switchboards
- * Testing of Over current / Short circuit / Earth Fault Protection Relays & Releases
- * Time interval test of breaker
- * Contact Resistance and measurement test
- Temperature Scanning & Thermal Imaging
- Earthing condition assessment & refurbishment

Our salient feature remains:

- ✓ Cost effective quarterly/bi-annually/annually maintenance plan
- ✓ Experienced and trained staff available on-call and for scheduled maintenance
- ✓ Availability of spare parts
- ✓ Dealing in all type of switch gears/transformers
- ✓ Equipment condition assessment/ risk assessment
- ✓ Customer end assessment for keeping right quantity of spare parts every time in store



THERMAL IMAGING CAN MEAN THE DIFFERENCE BETWEEN PREVENTIVE AND RESTORATIVE MAINTENANCE

Switchgear maintenance is a mission-critical aspect of any industrial economy. Thankfully, thermography makes it possible for preventive maintenance protocols to anticipate almost all kinds of scenarios. Little wonder then, that the most power-hungry economies on the planet today deploy thermal imaging technology as a standard maintenance procedure. At Universal, our maintenance and safety suite makes extensive use of thermographic readings with unfailing regularity. As a point of salience in our domain expertise, this approach ensures that maintenance engineering is standards-compliant and preventive in scope.

After all, as any engineer will tell you, the best way to fix a problem is to make sure it doesn't crop up in the first place.



POWER IS JUST ANOTHER WORD FOR RESPONSIBILITY

In the last five decades high-performance substations everywhere have come to be noted for a high degree of dependability and a very high degree of safety. Universal Spares and Services are acknowledged as an industry leader and are the preferred technical partner of substations that like schedules as opposed to surprises. So if you're looking for salience in switchgear deployment, make sure you call us. After all, we can mean the difference between negligence and compliance.

CUSTOMER BENEFITS

- ☑ 24/7 service team availability for fault identification and rectification
- ☑ Emergency/catastrophic assistance in acute situations and providing the best solutions in the shortest possible time
- ☑ Availability of spare parts
- ☑ Deal in all types of switch gears and transformers
- ☑ MV Switchboard and Transformer replacement services available as per customer demand
- ☑ Under one roof" approach
- ☑ Saving time - we provide additional skills and involve other development partners
- ☑ Saving money - we work with one team on all parts of the product which helps our customers minimize multiple risks that cause money loss
- ☑ Integration optimization
- ☑ On-site customer training programmes

SOME OF OUR VALUABLE CUSTOMERS



BANGALORE

UPT Spares and Services Pvt. Ltd.
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DELHI

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CHENNAI

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PUNE

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MUMBAI

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