



Electrical Power
Distribution System



Mechanical / HVAC



Mechanical / HVAC



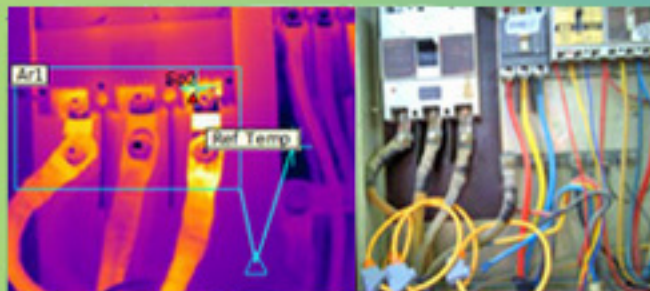
Plumbing / Drainage /
Pumps Installation



Fire Fighting System
Modification



Low Current / Home &
Industrial Automation



IR Thermography / Power
Quality / Harmonics Analysis



LV Switchgear Panel
Modification / Maintenance



Buried Cable Fault Location /
Cable Fault Rectification



Cable Laying / Termination /
Cable Jointing / Splicing

UNDERGROUND CABLE FAULT LOCATION & REPAIRING



ControlTek

ELECTRO MECHANICAL CONTRACTING L.L.C



Call us on : +971 50 369 0890

Email : info@controltek.ae

Web : www.controltek.ae

Our Service Available in All Over UAE.



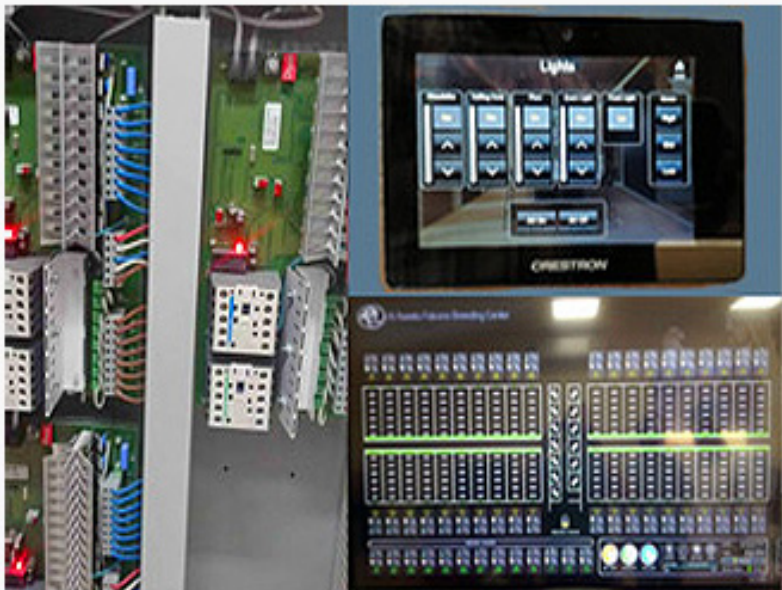
CABLE FAULT / DAMAGE

- Power cable diagnostics
- Underground power cable fault identification
- Power cable damage finding and fixing solutions
- Buried cable fault rectification
- LV cable fault pre-location
- LV cable fault pin pointing
- Power cable fault locating and repairing
- LV cable jointing with joint kit
- Cable route tracing and identification
- Street light cable damage location services
- Street light cable fault finding and jointing



ELECTRICAL

- Designing and engineering innovative solutions for all your electrical system
- Electrification of all types of industrial and commercial buildings.
- Electrical cable laying glanding and termination works
- Cable splicing and testing
- Electrical LV panel, MDB, SMDB modification works
- Installation of LV switchgear panels
- Energy monitoring system
- Thermal imaging, power quality and harmonics assessment
- Electric vehicle charger (EV) cabling and installation
- Street lights pole installation



HOME & INDUSTRIAL AUTOMATION

- Supply installation central battery system
- Emergency lighting panel
- Lighting dimmer panel
- Inverter and UPS system



MAINTENANCE SERVICES

- Fault analyzing / trouble shooting of all type of electrical system
- Maintenance testing of switchgear and protection relays
- Trouble shooting and servicing of ATS panel, control panels, MCC panels, VFD panels, PLC panels, soft starter panels, star delta panels, LV active harmonics filters, capacitor banks
- Air circuit breakers (ACB) maintenance and servicing
- Solar street lighting system installation and maintenance
- Programming of VFD and PLC panels
- Scheduled maintenance and reactive maintenance for LV panels
- AMC for LV switchgear panels



MECHANICAL / HVAC

- Supply installation and maintenance of chiller AHU and FCU
- Modification of GI and PI ducts



PLUMBING / DRAINAGE / IRRIGATION / SWIMMING POOL

- Supply and installation of pumps and MCC Panel
- Refurbishment of pump room pipe line
- Installation of PRV, NRV, ball valve, butterfly valve and flow meters
- Drainage water pipe line works
- Installation of irrigation control panel and piping works
- Water leakage detection and repairing