

A.SURIYA MOORTHY

ERECTION, COMMISSIONING & TESTING, PROJECT MANAGEMENT

Targeting assignments in Electrical & Instrumentation with an organization of repute



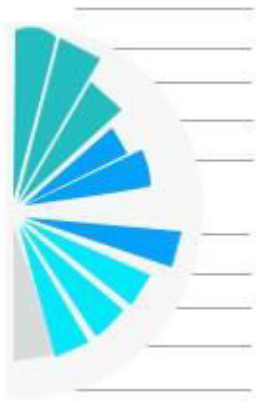
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E mail: altsuriya60@gmail.com / alsuriya60@gmail.com

+212-602677351 Core Competencies

Soft Skills



Process Control & Instrumentation
Electrical HT & LT Control,
Switchgear & Motors
Safety & Security
Energy Saving / Management
Scheduled Preventive Maintenance

Erection, Commissioning & Testing
Spare Part Control & Mgmt.
Condition Monitoring
Team Management / Leadership

Communicator

Collaborator

Intuitive

Innovator

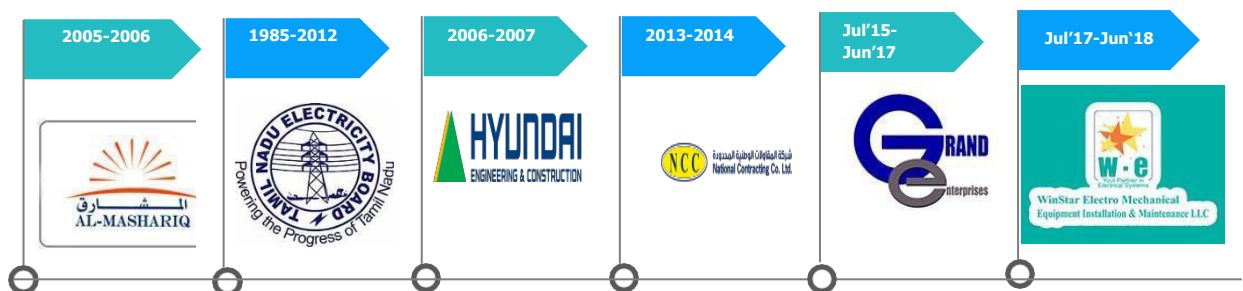
Leader

Motivator

Analytical

Team Builder

Career Timeline (Recent 6)



Executive Profile

- An influential & persuasive leader, offering successfully and impeccable career of **over 30 years** in a wide spectrum of domains entailing from **Erection, Commissioning & Testing, Project Management and Maintenance in Oil/Gas Plants & 400KV/230KV/110KV substations**
- Strategic professional with capabilities in leading the installation & commissioning activities involving resource planning, team building in co-ordination with internal / external departments
- Control & Instrumentation Specialist; spearheads all operations of process plant with key focus on top-line and bottom-line profitability by ensuring optimal utilization of resources
- In-depth knowledge of VFDs, PLC, Electronics Instruments, Electrical HT & LT Control, switchgear, Motors, Drives, PLC, Electronics, SCADA, DCS, and so on
- Facilitates effective execution of discipline engineering and design routines that align with the project's goals, objectives, and procedures; **supervised smooth functioning of transformers, substations and power systems**
- Exhibits a firm approach to sustain & encourage safe work environment, with capabilities to streamline operations; applying continuous improvement principles to increase process & maintenance efficiency and company profits

Academic Details

- **ME (Applied Electronics)** from College of Engg. Guindy, Anna University (Incomplete)
- **BE (Electrical & Electronics)** from Thiagarajar College of Engg., Madurai Kamaraj University 1983

IT Skills

MS Office, AutoCAD, Primavera & Network Administration

Organizational Experience

Nov'2019-31.01.2020 with L&T as Senior Testing & Commissioning Manager

- Coordination for Testing & Commissioning of 220 KV/15 KV SS Ginchi/Ethiopia Alstom/GE make AIS Switchgear with 40 MVA Transformers.
- Testing of 60 KV/22 KV SS Indoor type 2X 40 MVA Nexans make Transformers; 60 KV Siemens make CBs; 15 KV ABB CBs at Dakhla/Morocco

Jul'17-Jun'18 with Winstar Electromechanical Works, Doha/Qatar as Testing & Commissioning Engineer

- Managing testing and commissioning of two additional 400KV bays & One 800 MVA Transformer bay in 400/220 KV Umm Al Amad SS/Qatar
- Managing testing and commissioning of new 66KV/11KV Al Khore SS 400KV bays & One 800 MVA Transformer bay in 400/220 KV Umm Al Amad SS/Qatar

Jul'15-Jun'17 with Grand Enterprises, Muscat as Testing & Commissioning Engineer

DCRP Approved Level II B./Oman/ License No.: TE 016/2015 dated 05.10.2015

Role:

- Managing testing and commissioning of 33/11KVSS for Hameed Engineering Services (Consultancy for Dhofar Power Company) at Raysut Industrial SS, Al Sasdah SS and upgradation of Al Jufa Sadah SS at Oman
- Engaged in managing:
 - Commissioning works with Mazoon Electricity Company at 33KV Sukai Kirah SS/SUR project (BEC Main Contractor)
 - Protection and Interlock checking for 11KV GIS Incomers, Bus section, Capacitor, Banks, Auxiliary Transformers
 - Relay Testing at GROUP 'F' RAECO Power Stations: Sharbithat, Shai Al Khairat, Mahaweess, Hasik, Fatkhait, Dhahaboon / Masirah Power stations (RAECO) / KHASAB Power Station (RAECO/ GROUP A) / DIBBA Power Station (RAECO GROUP A), and at MASHROOQ Power Station (RAECO GROUP A)
- **Numerical Type:** AREVA RELAYS, SEL RELAYS, SIEMENS RELAYS
- **Static:** ALSTOM RELAYS.
- **Electro Mechanical:** ALSTOM, ENGLISH ELECTRIC, GE MAKE
- Scheme checking at Mulladah Industrial 33KV/11KVSS/Oman with Mazoon Elec. Company
- Testing of equipment and scheme checking at Raysut Industrial SS II and Al Saadah II PSS in coordination with Dhofar Power Company

Jul'13-Dec'14 with NCC, Kuwait

Role:

- Managed erection, testing & commissioning of 400KV/132KV/11KV Abu Fateera & Sabah Al Ahmed '2Z' Substations/ Kuwait and 400KV/132KV/33KV, 300MVA Power TRs, CTs, PTs, Breakers, and so on

Jan'10-Oct'12 with TANTRANSCO (TNEB), Chennai as Executive Engineer

Role:

Executive Engineer-Protection

- Managed:
 - Erection, testing & commissioning of 400KV/ 230KV/110 KV sunguvarchtram substation/ 400KV/230KV/33KV AUTO TRs, CTs, PTs, Breakers /GE make D60, T60 Relay Panels/ Athipattu 230/110 KVSS/ Easun Reyroll Distance Protection & Transformer Protection Panels (Shefong Make Relays)
- Engaged in maintenance of PLCC system and EMSSCADA System (GE make XA21 application server Motorola make front-end processors)

Executive Engineer-Electrical MTCE

- Engaged in maintenance of 6.6KV switchgear & 415V LV switchgear for coal handling system in North Chennai Thermal Power Station/ 6.6 KV motors for Conveyors, and GE Fenuc/Allen Bradley make PLC system for conveyor systems & stackers, reclaimers, & conveyors motors

Previous Experience

Dec'06-Nov'07 with Hyundai Engg. & Construction Company Ltd., Dubai/UAE

Jebel Ali Oil & Gas Power Station

- Engaged in testing & commissioning of ABB make LV switchgears with two transformers & one bus coupler arrangement with auto changeover system- Jebel Ali Power Station, UAE
- Managed commissioning of 400KV GIS switchgears in co-ordination with AREVA/ LV & HV Motors & DG Set in Jebel Ali Power Station, UAE

Apr'06-Dec'06 with Tamil Nadu Electricity Board, Karur Circle

- Managed AEE / operation & maintenance of Chinthamanipatti Sub-division
- Engaged in maintenance of 110/11KVSS & 11KV Feeders

Feb'05-Jan'06 with Mashariq Co., Saudi Arabia as Testing & Commissioning Engineer

- Managed commissioning of 13.8 KV generator circuit breakers in Jeddah, Bisha and Riyadh Gas Turbine Power Plants,

Feb'04-Feb'05 with Tamil Nadu Electricity Board, Valuthur Gas Turbine Power Station as Asst. Executive Engineer/MRT/Control & Instrumentation

- Combined cycle 95 MW (35 MWGTG & 60MW STG) GE make MARK V & FRAME VI
- SPEEDRONICS for GT controls & pro-controls for BHEL make STG
- Managed commissioning & maintenance of MV & LV switchgears. DCS & generator relay panels and calibration of pneumatic valves and pressure & temperature gauges & other electrical systems in 95 MW valuthur gas turbine power project (Combined Cycle)

Sep'01-Mar'03 with Sabia Power Station, Kuwait (8 X 300 MW) as Maintenance Engineer (Electrical Maintenance Division)
(Maintenance of MV(11KV) and LV switchgears and motor operated-valves(Limit switches & Torque switches)

May'01-Jun'01 with Middle East Engineering Company Ltd., as Testing and Commissioning Engineer (132 KV Substations at Riyadh KSA)

Apr'94-Apr'01 with Tamil Nadu Electricity Board, Location

Growth Path:

Apr'94-Apr'96-	Asst. Engineer/ Electrical Maintenance 400 KV / 230 KVSS - Checkanurani. Maintenance of 230KV Breakers and 250MVA Autotransformers
Oct'97-May'99	Asst. Executive Engineer / Electrical Maintenance Maintenance of 230/110KVSS at Paramakudi, 230/110KV SF6 Gas Filled Breakers, 100 MVA / 80MVA Auto-Transformers, and Station Back Up Battery & DG Sets
Jun'99-Apr'01	Asst. Executive Engineer/ Grid Relay Testing Managed commissioning of Control & Relay Panels for generators and 66KV Feeder Panels; conducted relay testing for the generator protections and 230 KV, 110KV & 66KV feeder protections panels. Administered pre-commissioning test for the breakers, current & potential transformers and 100 MVA auto transformers and HT cables

Oct'85-Apr'94 with Mettur Thermal Power Station, Mettur as Asst. Engineer-Boiler Operator/ Electrical

Trainings Attended

- Power System Protection Testing Training with omicron CMC 356 by Omicron at Goa/ India
- Siemens Relay & VCB Testing Training at Kalwa/ Mumbai
- Advanced Power System Protection Training by NPSTI/ Bangalore/ India
- Maintenance of Thermal Power Station by Power Engineer Training Society (Govt. of India) at Neyveli. from Nov'85- to May'86
- Simulator of 210 MW Thermal Power Station at Padarapur Thermal Power Station, New Delhi, from Feb'88 to Mar'88
- Personal Computer Applications in Power System at Power System Training Institute, Bangalore from May'98 to Jun'98
- Protection & Operating Techniques of 400 KV / 230 KV Substations at Transmission and Substation Training Institute, Madurai
- Erection, Operation & Maintenance of Transmission Lines, Substations
- Training on Protective Relays on Feeder, Relays, Transformers, Pilot Wire, Over Current & Earth Fault Generator Protection at Gec Alstom, Chennai

Knowledge Purview

Used following testing kits

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| <ul style="list-style-type: none">FREJA300 & FREJA 406SVERKER 750/760EGIL Breaker AnalyzerDoble Hipot Testing Kit | <ul style="list-style-type: none">Transformation Ratio KitContact Resistance MicroOHM Meter OmicronCMC 356 CPC100CT Analyzer |
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Personal Details

Date of Birth: 21st May 1960

Languages Known: English, Tamil and Hindi

Address: B4, Selvam Flats, Plot 11&12; I street, GR Nagar; Chennai-89, Tamil Nadu, India

Passport No.: J 5768721 (Issued-19.05.2011)