

TECHNICAL SERVICE PROFESSIONAL – Ports and Terminal Engineering Management
Port Equipment Design • Procurement & Commissioning • Maintenance Expert
Striving to upgrade knowledge and practices to retain excellence in the professional brief

PROFILE SUMMARY

- Result - oriented professional with expertise in maintenance and operation, construction in Ports & Logistics industry and Process industry. Exhibits a strong and firm approach for sustaining/encouraging safe work environments along with a demonstrated ability to streamline engineering and operation. Proficient in investigation analysis to identify gaps & take corrective measures to reduce equipment down-time & maximize plant availability. Ability to work within multicultural environments and an effective leader having an excellent skills to sustain growth momentum while motivating peak individual performances.

Expertise in Green field projects (end-to-end) – starting from tender through to finalization and operation; Successful in managing erection & commissioning activities related to Engineering Equipment and Port construction; Expertise in construction commissioning of electrical systems in cement plant;

- Proven track record of implementing cost saving measures to achieve substantial reduction in project and maintenance cost. Streamlining project and maintenance & operations of port material equipment say Loader, QC cranes & RTGC cranes, Mobile Harbor Cranes, Palm tankers, hydrocarbon storage system, Palm and Grain system with automation, Reach Stackers, 110KV switchyard & GIS, 11KV generation and distribution system and all engineering activities including facilities.

SKILL SET

Managerial & Functional:

Strategic Planning	Consulting & Technical Design	Resource Management & Optimization	Equipment Automation
Negotiation & Inventory	Inter-Divisional Coordination	Change Control & Compliance Management	Operational Reviews and SLA Management
Budgeting / Resource management	Governance & Policy Implementation	Enterprise Asset Management	Stakeholder Management

- Responsible for high-availability Equipment (CHE), Cargo/Materials Handling Systems, Facility including Storage Grain Silo , Tanks Farms and Fleets (Truck & Dumper)
- Liaising between organization groups (e.g. vertical management; technology practices; domains; support teams) and stakeholders at various levels
- Played a key role in achieving statutory certificate for equipment (Dock Safety Certificate), Electricity board (CEA), Weighing Machine (Weighing Inspector), Diesel Storage (CCOE, Explosives), Weights and Measurements, Fire Hydrant System (Fire and Rescue)

ORGANISATIONAL EXPERIENCE

May-17 to Nov-20 : GSEZ Ports S.A, Gabon Head Engineering Services – GSEZ Ports

Highlights:

- Commissioned and takeover the equipment for operation by coordinating with equipment manufacturer and third party inspector for port equipment Loader, Unloader,, QC, RTGC, MHC, RS, ECH, Trucks and dumpers, Forklifts, Palm system including boiler, grain system.
- Successfully executed by coordinating with manufacturer related to shipping, offloading and commissioning of the 2*QCs & 4*RTGs
- Monitor and control of maintenance cost, material procurement control, energy and fuel consumption study, tire management system, warranty follow ups and reduce maximum demand for port consumption.
- Achieved engineering KPA - equipment availability above 95% through maintenance and stakeholder coordination.
- Leading projects on implementing SAP Modules of Engineering maintenance package and inventory package. Monitored day to day work execution through SAP with all control measures.

- Implementing maintenance process, improve efficiency and resource management
- Played a key role in installation and commissioning of 20KV substation and new extension of substation for crane feeding system
- Recruited trainees in Gabon, trained and developed for maintaining the equipment independently and removed maintenance contract.
- Implemented safety in work execution and Maintained the statutory requirement for all port equipment, weighing system including boiler.

**2010–2016 in Larsen & Toubro Limited L&T Port as DGM latter Adani Ports
In L&T Port from May 2010 : Head Engineering**

Highlights:

- Played a key role in finalization of port equipment for port functionality. Compared technical requirements of port equipment from the submitted tender proposal and finalized the supplier.
- Successfully coordinated with civil design & monitored port project execution while constructing port including yard & wharf design for accommodating port equipment with storm inserts, raw & fire water routing, electrical cable routing, high mast & streetlights location.
- Successfully coordinated with ZPMC, NOELL related to shipping, offloading and commissioning of the 6*QCs & 15*RTGC
- Played a key role in port electrification work starting from tender floating till commissioning. Port electrification work includes 110KV switch yard, 2*2MVA DGs, power distribution and port facilities.
- Achieved reliability of Engineering KPA setting as per company standard
- Budget approval, closely monitored engineering expenditure against approved budget, inventory in flow out flow of materials and cost control implementation. Conduct routine internal and external meetings to arrange resources effectively for engineering activities.
- Established engineering maintenance package by framing the maintenance task, reviewed and implemented as per schedule. Monitored the equipment history, implement maintenance based on scheduled and conditioned monitor.

In L&T ECC, PT&D, Dubai 2016

- Key role for execution of 132 KV GIS / 11 KV substations value of 4*12 Million USD
- Closely coordinate with major component suppliers for timely testing and arrival of materials at site.
- Successfully coordinate with Consultant, Client, and DEWA for day to day site execution for ongoing project.

**Dec'08 - Apr '10: VCTPL, Vizag India
Head of Electrical & Instrumentation**

Highlights:

- Did technical specification for new QCs and RTGCs for port expansion project.
- Played a key role in executing 33KV substation project and conducted relay testing and renewed CEA license.
- Coordinated with ICAN, Japan for replaced (trolley, cable reel & hoist) old drum brake system with ICAN thruster brake and introduced safety feedback interlocks
- Reduced downtime and improved availability of equipment more than 96% through corrective measures based on breakdown analysis.
- Functioned as In-charge of:
 - Maintenance of Equipment and electrical power generation and distribution system
 - Implementation of Safety (Engineering safety, Isolation) in technical department
 - Interfaced with IPA, Bangalore and Mentor for erection, testing & commissioning of new Load Cells in QC02.
- Underwent ISO28000 audit training course and Apex Committee Member of safety team

Sep'01-Oct'08 DP World India , UAE & KSA as Crane Eng, System Eng... Senior Superintendent – Crane Section

Assignments/ Deputation:

2007 - 2008 : As Senior Superintendent -In charge of Crane Section, DPWorld, Saudi

Role:

- Functioned as crane section in charge for 15 QCs, 20 RTGCs. Conducted Siemens PLC training, PM implementation. Coordinated with QC suppliers and consultant for offloading 4 nos. of QCs, commissioned, conducted endurance test.
- In charge for crane section for equipment availability and power distribution. Tracked the crane department functionality and assured 97% equipment availability. Implemented safety in crane section.
- Worked closely with Operation Heads for equipment availability for port operation based on the vessel schedule

- Project in charge for executing a new 33KV substation including HT transformers & power distribution system which fed for new quay cranes. Coordinated with Jeddah Islamic Port for energizing 33KV incoming supply.
- Successfully executed boom repair work by shifting QC from wharf to yard, dismantled boom, repaired, refitted the boom and executed endurance for releasing QC
- Identified defects of hoist internal gears pinion surface, procured new one and replaced the damaged pinion.

2003 to 2007 : As System Engineer in DP World Jebel Ali, Dubai

Role:

- Took part in breakdowns of running equipment & preventive maintenance of cranes (45 no.s) and RTGC's (146 no.s)
- Conducted PLC logic / Sicma hardware maintenance, troubleshoot breakdowns, PLC upload and downloaded program Handled the SICMA maintenance of all network equipment and its communication system related for crane PCs
- Initiated the software and hardware modification in the crane for changing the spreader from single mode to twin mode to double the operational moves in 20' container
- Commissioned the Auto Steering travel control of RTGCs through GPS
- Deputed in DPWorld Jeddah, K.S.A for 2 months to steam line engineering execution & to train staffs in Siemens PLC.

2001 to 2003 : As Shift Engineer in CCT, Chennai, India

Role:

- Looked after the maintenance operations for Crane equipment QCs, RTGCs, RS including power generation and distribution.
- Lead commissioning team during final commissioning of new Noell cranes and executed the endurance test
- Individually made simulator panel for testing both RTGC & Crane ram spreaders. Undergone drive training from Siemens.

PREVIOUS EXPERIENCE

Apr 98-Jul'01: Indian Organic Chemicals Limited, Chennai as Engineer

Aug'94-Mar'98: Madras Cements Limited (Ramco), Ariyalur as Asst. Engineer (Electrical)

EDUCATION

Bachelors in Engineering (Electrical and Electronics)

Madurai Kamaraj University, India.

Professional Certifications / Trainings:

- Excellence in Leadership from L&T
- Excellence in Crisis Management and Leadership Skills , from DP World
- Project Management Professional (36PDU) Course

PERSONAL DETAILS

Date of Birth	:	7 th September 1973
Nationality	:	Indian
Marital Status	:	Married and have two children
Passport status	:	Available with valid passport
Permanent Address	:	47-B, Sevelpatti New Street, Rajapalayam-626 117, Virudhnagar District, Tamil Nadu.
Present Address	:	B2A RMS Ashirwad, 1 – Ponni Amman Nagar Salai, Ayanampakkam, Chennai – 600 095, India