

KASTURI RAJU INDUKURI

Operations Management ~ Plant Head

An achievement-driven professional targeting assignments in **Plant Operations, Commissioning and Erection** preferably in **Power Industry**

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🧠 Profile Summary

- A highly accomplished professional with over 22 years of rich experience in Power Plant Operations, Commissioning and Erection.
- Proficient in preparing & implementing Standard Operating Procedures & final inspection of procedures and also associated in implementation of Integrated Management System.
- Skills in achieving cost savings across assignments and minimizing performance bottlenecks for achieving high productivity with optimization of men, material and machine
- Experience in developing & streamlining systems with proven capability to enhance operational effectiveness and meet operational goals within the cost, time & quality parameters
- Excellent in coordinating, planning & implementing changes to technology, machinery, equipment, process methodology, quality assurance, control systems and reporting procedures
- Expertise in monitoring and controlling with respect to cost, time over-runs and quality compliance to ensure satisfactory execution of projects
- An effective communicator with excellent relationship management skills and strong analytical, leadership, decision making, problem solving & organizational capabilities

💻 Core Competencies

Plant Operations
Commissioning
Planning
Operations & Management
Project Management
Risk Management
Process Improvement
Quality Management
Team Building & Leadership

🎓 Academic Details

- B.E (Mechanical) from SDE, Andhra University (SDE), Vishakhapatnam, A.P. in 2012
- Diploma in Mechanical Engineering from State Board of Technical Education, A.P. in 1996
- Pursuing MBA-Power Management from University of Petroleum and Energy Studies (UPES), Dehradun.

Certification / Trainings / Seminar

- Boiler Operation Engineer (B.O.E) Proficiency Certificate from Director of Boilers A.P.
- DCS CS-3000/1000 (M/s Yokogawa India Ltd., Bangalore) in operations
- DCS SPPA – T 3000 (M/s Siemens) in the field of operations at Samsung C&T, Dammam, KSA
- Fuel Gas Compressors (M/s Atlas Capco) in the field of operations at SAMSUNG C&T, Dammam, KSA
- Attended National Seminar on the Boiler Tube Failure Analysis & Prevention at National Power Training Institute, Nagpur

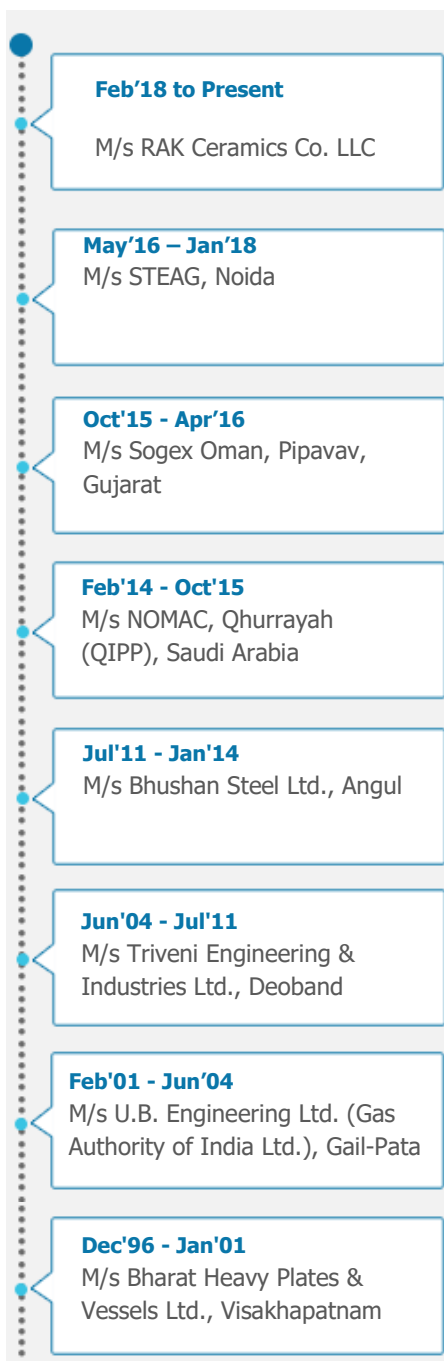
📊 Notable Accomplishments Across the Career

- Hands on experience in operation and commissioning of 740MW (2X165 MW, 2X150 MW STG-Siemens SST 900, 1X110 MW STG-BHEL), 70MW, 41.1MW Subcritical Thermal Power Plants and also 4000 MW CCPP (12X232 MW GTG-SGT6-5000 F(5) Dual fuel, 6X225 MW STG-SST6-4000), 702MW CCPP (2X221 MW GTG- GE 9FA, 2X130 STG-BHEL), 225 MW (2X76 MW GTG- GE 6FA, 1X73 STG-HTC), Taurus 60, CAT Gas Engines (16GCM34), MAK HFO Engines (16CM32).
- Hands on experience in Coal fired Boilers, CFBC Boilers, HRSG, Fuel and Ash handling systems, Steam Turbines, Turbo Blowers, Boiler feed water pumps, CEP, Cooling Towers, Air Cooled Condensers, EDG, R.O. Plant (3X241m³/hr, 3X112 m³/hr), Sea Water Intake, Desalination, DM Plant, Electro chlorination Plant, Centrifugal Compressors, Chiller.

🧰 Skill Set



Career Timeline



Organizational Experience

M/s RAK ceramics, Ras Al Khaimah , UAE from Feb'18 – Present as Senior Manager - Utilities



Power Plant: 44.5 MW Capative Power plant

Key Result Areas:

- Heading utilities department comprising of power, water production, ETP, HVAC, Natural Gas distribution etc. To ensure operations are carried out safely and efficiently to meet the planned targets of the Production plants.
- Involving in day to day activities of all departments, associating in all technical activities, supplier meetings and ensuring uninterrupted operation of all Utility services.
- Arriving financial budgeting for the Utility departments, planning developmental projects for efficient utilization of the available resources.
- Monitoring and controlling the cost centers of the Utility department to ensure Budget and profitability targets are met.

M/s STEAG, Noida, India from May'16 – Jan'18 as DGM (Operation)



Power Plant: 225 MW Power Station (GAMA)

Key Result Areas:

- Ensuring all power and water production operations are carried out safely and efficiently to meet the planned targets, and requirements of the control center
- Coordinating plant operations for the set up standards with accountability for strategic utilization & deployment of available resources to achieve organizational objectives
- Managing all technical & managerial aspects, developing reports on performance analysis and handling planning for better productivity
- Planning, controlling, directing and exercising full supervision over the power and water production Operations to meet planned targets in an efficient, economical, and safe operation of power station plant, and to generate targeted revenues.
- Developing and directing the implementation of short and long term Operation plans which will provide for the achievement of the Company's objectives of growth and profitability
- Directing operations like strategic utilization of available resources & machine loading as per Load and Fuel schedules; developing revenue & capital budgets for excellent technical services
- Creating & sustaining a dynamic environment that fosters development opportunities & motivates high performance amongst team members; imparting continuous on-job training to accomplish greater operational efficiency

M/s Sogex Oman, Pipavav, Gujarat, India from Oct'15 - Apr'16 as Sr.Manager (HOD-Operation)



Power Plant: 702 MW(2X351 MW) power station(GPPC)

Highlights:

- Ensuring all power and water production operations are carried out safely and efficiently to meet the planned targets, and requirements of the control center
- Led the commissioning of GT, STG, HRSG, Sea Water Intake, Pre-treatment, RO, DM, Electro chlorination, Waste water treatment Plants such as TBS, Clarifiers, DMF, PSF,SWRO, BWRO, SBA, SAC and so on

M/s NOMAC, Qhurrayah (QIPP), Saudi Arabia from Feb'14 - Oct'15 as Operation Coordinator(CCR)



Power Plant: 4000 MW power station

Highlights:

- Associated in operations and commissioning of 4000 MW Combined Cycle Power Plant including cold, warm & hot start-ups, shut-downs and ensured standard operating procedures are followed
- Led the commissioning of:
- 12X232MW(SGT6-5000F(5)) Gas Turbines supplied by M/s Siemens
- 6X225MW (SST6-4000) Steam Turbines supplied by M/s Siemens

M/s Bhushan Steel Ltd., Angul from Jul'11 - Jan'14 as Senior Manager



Power Plant: Boiler- 6X275TPH & Turbine-2X165MW, 2X150 MW, 3X23 MW

Highlights:

- Managed operation and commissioning of:
- 165 MW TG and 3X23 MW Turbo driven Compressors
- Gas fired boilers supplied by Thermax
- 6X275 TPH, CFBC Boilers supplied by M/s Thyssen Krupp and M/s IJT
- 2X165MW, 2X150 MW, 3X23MW Condensing Turbines supplied by M/s Siemens
- 3X23 MW Axial flow Centrifugal Compressors (M/s Siemens) for Blast Furnace boiler, Turbine auxiliaries such as BFW pumps, ID, PA, & SA Fans, CEP, Oil pumps, MCW Pumps and so on
- Accountable for the commissioning of the equipment; conducting tests & inspections to ensure operational effectiveness of plant & utilities
- Reviewing engineering drawings, layouts, diagrams, technical specifications, cost estimates for erection & commissioning of the plant

M/s Triveni Engineering & Industries Ltd., Deoband from Jun'06 - Jul'11 as Additional Chief Engineer



Power Plant: 70 MW, Boiler-3X120TPH/IJT & Turbine-2X24, 1X22.4MW/SKODA

Highlights:

- Supervised the overall functioning of the plant and led the commissioning of:
- 3X120 TPH, 86 Kg/cm², 515±5°C, Coal fuel Stoker fired Boilers supplied by M/s IJT
- 2X24, 1X22.5 M.W Double Extraction cum Condensing Turbines supplied by M/s Skoda

M/s U.B. Engineering Ltd. (Gas Authority of India Ltd.), Gail-Pata from Feb'01 - Jun'06 as Junior Engineer



Power Plant: 41.1 MW Power Plant

Highlights:

- Ensured efficient operation of:
 - 2X25 MW Gas Turbines supplied by GE (Frame V) with MARK V Speedtronic Control System
 - 3X120 TPH, 106 Kg/cm², 515 °C, Gas fired Boiler supplied by M/s BHPV/BHEL
 - 2X80 TPH, 106 Kg/cm², 515 °C, Supplementary Fired HRSG by M/s BHEL
- Managed the commissioning of 25.6 M.W Condensing Turbine and 15.5 M.W Back Pressure Turbine

M/s Bharat Heavy Plates & Vessels Ltd., Visakhapatnam from Dec'96 - Jan'01 as Junior Engineering Supervisor



- Associated in erection, revamping, pre-commissioning, commissioning activities of different boiler projects
- Monitoring the work progress to ensure that job is completed as per drawings and within the scope of works and time

IT Skills

- SAP (PP, PM modules and PTW System)
- MS Office Suite



Personal Details

Date of Birth: 14th July 1976

Languages Known: English, Telugu, Hindi, Tamil and Malayalam

Address: Flat No: 303, Manager Building-2, Near RAK Medical Centre, RAK Ceramics, Alhamra Aljazirah, Ras Al Khaimah, UAE.

Please refer to the Annexure for Project Details:

ANNEXURE

Project Details

Organization: Fertilizers and Chemicals Travencore Limited, Udyogmandal, Cochin
Title: 900 TPD Ammonia plant, Steam Generating plant
Period: 12'96 – 03'98

Organization: Hindustan Petroleum Corporation Limited, Visakhapatnam
Title: Boiler Project
Period: 04'98 – 06'99

Organization: Hindustan Petroleum Corporation Limited, Mumbai
Title: Boiler Revamping Project
Period: 06'99 – 01'01