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| RAJESH **SENIOR PROFESSIONAL – POWER PLANT OPERATIONS**  [rajesh.381064@2freemail.com](mailto:rajesh.381064@2freemail.com) | |
| core24x24icons Key Skills   |  | | --- | | Erection & Commissioning    Plant Operations & Maintenance    Strategy Planning    Safety Management    Technical Documentation    Vendor Management    Liaison & Coordination    Stakeholder Management    Project Management / Execution    Process Enhancement | | Result-oriented professional with expertise in executing projects within budgeted cost and timelines; targeting senior-level assignments with an organization of high repute preferably in **Gulf Region** |
| knowledge24x24icons Profile Summary |
| * Offering **nearly 15.5 years** of **national & international** experience in erection, commissioning, operations & maintenance of Power Plants * Wealth of expertise entails **High Pressure Boilers, Turbo Generators, Water Treatment Plants, Effluents Treatment plants, Environment Pollution Control, Cooling Towers, Diesel Generators and Vapor Absorption Chillers** * Administered entire power plant / site / boiler operations with key focus on planning, testing & commissioning of wide range of electrical and mechanical equipment * Supervised operation & maintenance of power plant equipment and facilities, reduced downtime and increased plant availability, equipment reliability & operational efficiency by improving workflow, personnel performance and maintenance processes * Key Resource Planner with hands-on experience in planning for manpower, material & money for successful completion of projects within time & budget constraint * Effective in ensuring zero / minimum breakdown & maximum availability, thereby resulting in increased uptime; conducted Root Cause Analysis (RCA), implementing corrective actions and enforcing improvements to eliminate recurrence of breakdowns * Displayed paramount efforts in addressing critical challenges head-on, strengthening workforce and accelerating performance at challenged operations |
| career24x24icons Career Timeline | |
| Jun’08 – Jan’10  May’02 – Dec’03  Shri Renuga Textiles Pvt. Ltd., Tamil Nadu as Trainee Engineer  Dec’03 – Apr’04  Om Shakthi Renergies Ltd., AP as DCS-Engineer  May’04 – Jun’08  M/s Hi-Tech Carbon, Tamil Nadu as Engineer - Utility  Thermax Ltd., Pune as Shift In-charge  Greenesol Power Systems Pvt. Ltd., Chennai as Assistant Manager  Jul’12 – Oct’14  Jan’10 –Jul’12  Thermax Ltd., Pune as Station Manager  Since Nov’14  AL Ghurair Resources LLC, Dubai as Site Manager | |
| edu24x24icons Education   * B.Tech. (Mechanical Engineering) from Dr. M.G.R. Engineering College, Chennai in 2007 * Diploma in Mechanical Engineering from DOTE, Chennai in 2002   exp24x24icons Work Experience  **Since Nov’14 with AL Ghurair Resources LLC, Dubai as Site Manager**  **Projects:** Power Plant 1\*8 MW (Under construction)  Steam Generators AFBC Boiler of M/s Uttam make - 01 Nos. (62 MT/H capacity, 66 Kg/cm2 press, 485 OC temp.)  Turbo Generators Air Cooled Condensed Steam Turbine of M/s SNM make–1 Nos. (8 MW with air cool condenser)  DM Water Plants 45 M3 OBR Ion Exchange Process of M/s INO Exchange make - 1 Nos.  **Jul’12 – Oct’14 with Thermax Ltd., Pune as Station Manager**  **Projects:** Operations and Maintenance of 1x25MW Thermal Power Plant  M/s Madras Cements Ltd. RR Nagar, 1x25MW Thermal Power Plant  Steam Generators AFBC Boiler of M/s Thermax make - 01 Nos. (110 MT/H capacity, 88 Kg/cm2 press, 515 OC temp.)  Turbo Generators Air Cooled Condensed Steam Turbine of M/s Siemens make–1 Nos. (25 MW with Air Cool Condenser)  DM Water Plants 12.5 M3 OBR Ion Exchange Process of M/s Thermax make - 1 Nos.  Effluent Treatment Plants - 250 M3/D of RO Plant of M/s Thermax make -1 No.  Diesel Generators 550 KVA with Cummins Engine of M/s NGEF - 01 Nos.  **Jan’10 –Jul’12 with Greenesol Power Systems Pvt. Ltd., Chennai as Assistant Manager**  **Projects**: 2x150MW M/s Ind-Barath Thermal Power Plant at Tuticorian Project  Designed BOP equipment; managed erection & commissioning of 2x480 TPH Thermal Power Plant Project for 2x150MW MW Power Generator Station of M/s Ind-Barath Thermal Power Project in technical collaboration with M/s Hangzhou Boilers Limited, China  **Jun’08 – Jan’10 with Thermax Ltd., Pune as Shift In-charge**  **Projects:** (C/o Chemplast Sanmar Mettur-Tamil Nadu) 2\*25 MW Power Plant and M/s DCW Ltd., Sahupuram, Tamil Nadu, 2x25MW Thermal Power Plant  Steam Generators AFBC Boiler of M/s Thermax make - 02 Nos.  130 MT/H capacity, 88 kg/cm2 press, 515 OC temp. & 130 MT/H capacity, 88 kg/cm2 press, 515 OC temp.  Turbo Generators Condensed Steam Turbine of M/s TDPS make – 2 Nos.  25 MW with Air Cool Condenser  DM Water Plants 25 M3 OBR Ion Exchange Process of M/s Thermax make - 2 Nos. Effluent Treatment Plants  500 M3/D of RO Plant of M/s Thermax make -1 No.  Vapor Absorption Chillers 150 TR of M/s Enmax make - 2 Nos.  Diesel Generators 550 KVA with Cummins engine of M/s NGEF - 01 Nos.  **May’04 – Jun’08 with M/s Hi-Tech Carbon, Tamil Nadu as Engineer – Utility**  M/s Hi-Tech CARBON., Tamil Nadu  Steam Generators: Water Tube Boiler of M/s Thermax make - 3 Nos.   * 40 MT/H capacity, 44 Kg/cm2 press, 425 OC temp. * 52 MT/H capacity, 44 Kg/cm2 press, 425 OC temp. * 70 MT/H capacity, 44 Kg/cm2 press, 425 OC temp.   Fire Tube Boiler of M/s. Shellmax make -10 Nos.; 6 MT/H capacity, 17.5Kg/cm2 press, 215 OC temp. each  Turbo Generators: Condensed Steam Turbine of M/s Triveni + TDPS Make–3 Nos.   * 2.5 MW with Water Cool Condenser * 6.0 MW with Air Cool Condenser * 8.0MW with Air Cool Condenser * 17.2MW with Air Cool Condenser   Effluent Treatment Plants   * 150 M3/D of RO Plant of M/s Thermax make -1 No. * 100 M3/D of Oily water Plant of M/s Thermax make – 1 No. * 48 M3/D of Evaporator Plant of M/s Macdha make – 1 No.   Vapor Absorption Chillers; 150 TR of M/s Enmax make - 2 Nos.  Diesel Generators; 1250 KVA with Cummins engine of M/s NGEF - 2 Nos.  Control System; DCS Centum CS 3000 of M/s Yokogawa, Japan  **Dec’03 – Apr’04 with Om Shakthi Renergies Ltd., AP as DCS-Engineer**  **May’02 – Dec’03 with Shri Renuga Textiles Pvt. Ltd., Tamil Nadu as Trainee Engineer**  **Projects:** Operations and Maintenance of 4.5 MW Bio-Mass Captive Generation Power Plant with DCS System  **Company Profiles:** Boiler Make – M/s. Chethar Vessels Ltd.; Type – Bi-Drum Water Tube – FBC Boiler; Pressure – 75 kg/cm2; Capacity – 26.5 Tones / Hr.  Turbine Make – M/s Triveni Engineering Industries Ltd., Bengaluru; Type – Nozzle Governed Bleed cum Extraction Condensing; Capacity – 4.5 MW  **Key Result Areas:**   * Undertaking erection & commissioning of Boilers, Turbo-generators, DM Water Plants, Effluent Treatment Plants and Diesel Generators along with commissioning of Chillers, Fire Tube Boilers and DCS * Planning and executing preventive maintenance schedules of various equipment to increase machine uptime and equipment reliability; identifying areas of obstruction / breakdowns and taking steps to rectify same through application of troubleshooting tools * Coordinating material / spare parts planning related activities encompassing identification of vendors, requirement specification & offer evaluation * Preparing layouts for project as per the process and material flow needs; anticipating performance bottlenecks and taking corrective measures to avoid the same * Supervising site preparations, mobilizing contractors for executing erection activities * Managing erection, commissioning of Power Plants; coordinating for plant operations * Deploying available resources to achieve organizational objectives; managing all technical & managerial aspects * Developing maintenance, operations procedures to increase the efficiency; implementing standards and ensuring adherence to quality standards through in-process checks   **Significant Accomplishments:**   * Skill Soft E- learning L1&L2 level achieved from M/s Thermax Ltd. on 02/08/2012 * Received “Super Achiever Card- Platinum” from M/s Thermax Ltd. management for best energy saver in 2013 * Acknowledged with Super Achiever Card - Gold from M/s Thermax Ltd. management for best operation execution in 2008 * Worked as Shift In-charge of DCW Limited, Sahupuram (TN) Plant and was successful in achieving a higher availability of 98.5% along with productivity of equipment by 1.5% * Troubleshot issues such as boiler LOI increase, reduction of fines in coal & coal feeder online cleaning system * Managed time and budget for overhauling of BTG & BOP system during Annual Shutdown * Successfully managed erection, testing and commissioning of 1x25MW Madras Cements Power Project * Initiated successful development and implementation of VFD Application at CEP Pumps and Coal Crusher mechanism as well as the cost reduction 90000USD/annum activities related to ACC & CHS systems along with design selection & quality control activities * Successful in reducing maintenance shutdown rate from 12% to 8% as well as saving maintenance costs by 2% through effective roll-out of On Sport Checklists and PM Schedule initiatives   Z:\Approved_ResDev_Repository\Formats\Visual Resume Formats 2015-16\Icons\Professional-Affiliation24x24icons.png Certifications   * Boiler Operation Engineers Certificate from Chief Inspector of Boilers, Tamil Nadu in 2017 (BOE) * Certification of ISO9002, QS9000, ISO14001, OHSAS18001 and IQRS level; 7 award winner of TPM Phase-2 and Deming Prize * Boiler Operation Competency Certificate from Chief Inspector of Boilers, Tamil Nadu in 2007 (1st Class) * NEBOSH Certificate (IGC-1&2 U/P and IGC-3 Completed) * First Aid - Senior Level achieved from M/s John Ambulance., Tamil Nadu on 11/01/2008 * Life Saver - Basic Life Support Certificate from M/s Usha Fire Safety Equipment (P) Ltd. on 02/08/2004 * Life Saver - Basic Life Support Certificate from M/s Usha Fire Safety Equipment (P) Ltd. on 07/12/2012 | |
| personaldetails24x24icons Personal Details | **Date of Birth:** 20th May 1982 **Languages Known:** Tamil, English and Hindi  **Driving License Details:** International valid (Place of Issue - Dubai)  **Nationality:** India  **Visa Details:** Work visa with Family Residence  **Gender:** Male  **Marital Status:** Married  **Number of Dependents:** 1 |