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| Ajayandra Kumar Singh  **SENIOR PLANT OPERATIONS || MAINTENANCE PROFESSIONAL**  Expertise in developing operations and maintenance procedures to increase the efficiency; implementing standards and ensuring adherence to quality standards through in-process checks.  ak\_singh\_in2000@yahoo.com / ajayandra@gmail.com+91-9829230989 / 9602382565 | | |
| knowledge24x24iconsProfile Summary | | |
| * **A result-oriented professional** offering **nearly 25 years** **& 11 Months** of successful career with diverse roles distinguished by commended performance & proven results in **Captive Power Plant, Renewable Energy (273.5 MW Wind Power & 15 MW Solar), Zinc Smelter & Copper Smelter domains** * Hands-on experience in **heading end-to-end project of Electrical Infra Projects, Captive Power Plant, Renewable Energy and Zinc Smelter** * Track record of ensuring **Quality & Environment Management System** in the plants as per **ISO 9000 & ISO 14000** * A keen **planner, strategist & implementer** with proven skills in setting up as well as ensuring smooth functioning of overall process and enhancing operational efficiency by making use of leading edge technologies * **An effective leader with distinguished skills** in recruiting, directing, leading & motivating large multi-cultural workforce imparting continuous training & career development for accomplishing greater operational efficiency and achieving operational excellence. * Skilled in planning **preventive & predictive maintenance** schedules to meet challenging organizational objectives * Fore-fronted **performance bottlenecks and took corrective measures** to avoid the same; ensured effective site management and discipline to ensure safe execution of the projects * Skilled in **implementation of Asset Optimization, SAP PM Module (CMMS), DuPont Safety Modules & Safety Standards,** | | |
| core24x24iconsCore Competencies  **Strategic Planning || Plant Operations  Operations & Maintenance**  **Installation & Commissioning**  **Project Management  Inspection, Quality & Safety Management**  **Due Diligence**  **Resource & Cost Optimization**  **Service & Facility Management**  **Team Building & Leadership** | | Notable Accomplishments Across the Career **Rodic Consultants Pvt. Ltd.**  **General Manager & Team Leader – Power**   * Responsible for Power Distribution, Renewable Power & Electrical Infra Projects at Ranchi, Jharkhand, * Responsible for Business Development of New Projects   **Transcon Power Pvt. Ltd.**  **Vice President – Operations & BD**   * Responsible for Panel Manufacturing Plant, Electrical Infra Projects & Business Development at Pantnagar, Uttarakhand.   **Hindustan Zinc Ltd.**  **General Manager & Head Projects (Power, Smelter & Infrastructures)**   * Led basic & detailed engineering & technical finalization of:   + MBBR & SBR Based Sewage Treatment Plants   + **90 MW Captive Power Plant with Utilities.**   + Switchyards & Mining Ventilation Fans   + 125 KT & 250 KT Smelter Project with Utilities. * Performed erection & commissioning of:   + 570 Cr Fumer Project at Chanderiya to recover Zinc, Lead & silver from existing Zinc Smelter Process   + 2 Nos. 150 m3/s Ventilation Fans at Zawar Mines   + 25 MLD, 10 MLD & 5 MLD STP Project.   + Shaft (Skip & Cage) for SK Underground Mines * Finalized FGD Technology to meet new environment SOX norms of CPP * Finalised techno-commercial of turbine revamping to increase capacity from 80 MW to 90 MW   **General Manager & Unit Head – Dariba CPP (160 MW)**   * Implemented:   + Safety Interaction Pillar in Rajpura Dariba Complex as Chairman of Subcommittee under Aarohan Journey   + Safety Pillars & Standards in CPP as chairman of UIC Committee under Aarohan Journey   + Safety Projects on continuous basis * Migrated Dariba CPP from Moderate to Advance Unit under Asset Optimization in month of Sept’14 * Slashed SCC, SOC, APC & No. of Tripping’s of Dariba CPP * Ensured utilization of LP & HP Excess Steam of Lead Plant, reduction in SCC by 4 gms/unit and completion of annual shutdown of Turbine within 16 Days & 22 Hrs. * Recycled Bottom Ash in CPP which resulted in saving 1 Paise in COP * Steered Installation &commissioning of 15 MW Solar Project. |
| softskills24x24iconsSoft Skills    Collaborator  Change Agent  Communicator  Analytical | |
| career24x24iconsTimeline  **Sept 2019 – Nov 2019**  Transcon Power Pvt. Ltd.  **Nov 2019-TD**  Rodic Consultants Pvt. Ltd  **2005**  MBA (Finance) from Indira Gandhi National Open University  **1995-2006**  Sterlite Industries (I) Ltd.  **2006-Aug 2019**  Hindustan Zinc Ltd.  **1993**  B.E. (Electrical) from Government Engineering College | **Head – Wind Power Business & Head – AO (CPP)**   * Enhanced AO Score of CLZS CPP (58% to 80%), Dariba CPP (56% to 79%) & Zawar CPP (47% to 72.7%) * Identified Focus Improvement Projects in CLZS CPP, Dariba CPP &Zawar CPP * Executed 150.3 MW Wind Power Project * Achieved business plan for Suzlon & Enercon Sites in year 2012-13 for Wind Power Business * Executed Wind Zone Classification in Maharashtra and increased tariff from INR 4.67 to 5.37 per unit * Registered Suzlon Wind Power Sites in GBI Scheme from IREDA; received first claim for FY 2010-11 from IREDA * RTGS payment started from Rajasthan, Maharashtra & Karnataka DISCOM’s * Resolved pending issues of payments from Rajasthan DISCOM’s * Recovered interest from Karnataka DISCOM’s of INR 2 Crores * Studied 2.5 MW Solar Project & 1 MW Solar Project for HZL and registered Wind Power Projects in CDM & GBI Scheme   **Associate General Manager & Head – Engineering Services**   * Replaced Waste Heat Recovery Boiler Side Panels & Boiler Bundles * Administered de-bottlenecking of Hydro Smelter Plant to increase capacity from 170 K to 210 K * Upgraded Cathode Stripping Machine to increase capacity from 300 plates to 330 plates per hour * Installed & commissioned 132 KV, 2X36 Mvar Capacitor Bank and Atmospheric Cooling Towers * Increased the availability of Roaster Plant from 80% to 95% and the reliability of Hydro Plant to achieve BP of FY 2011-12 * Implemented CAPEX & SRE Projects * Reduced stores spares & non-moving inventory * Assured 20% rejection rate of Zinc Ingots by modification in Slab Casting Machine Moulds & Robot * Enhanced MTBF, MTTR & OEE of various equipment of Hydro Zinc Smelter and availability of Metallic Pumps & Slab Casting Machine by in-house modifications * Implemented SAP PM Module in Hydro 1 Plant * Selected as Star of Business (Business Leadership Group) in year 2010-11 | |
| exp24x24iconsOrganizational Experience | **Nov. 2019 to till date: Rodic Consultants Pvt. Ltd, Ranchi, Jharkhand**  15th Nov’19 to Till Date: General Manager & Team Leader – Power  **Sept’19 to Nov. 2019: Transcon Power Pvt. Ltd., Pantnagar, Uttarakhand**  Sept’19 to 14th Nov. 2019: Vice President (Operations & BD)  **Feb’06 to Aug’19: Hindustan Zinc Ltd., Udaipur**  **Growth Path:**  Feb’06 - Mar’07: Manager – Electrical  Apr’07 - Jul’10: AGM - Electrical  Aug’10 - Jan’12: AGM & Head – Engineering Services  Feb’12 – Apr’14: Head- Wind Power Business & Head – Asset Optimization (CPP)  May’14 - Jun’17 : GM & Unit Head – Dariba CPP (160 MW)  Jul’17-Aug’19: GM & Head Projects (Smelter, Power, Infrastructure & STP’s)  **Role:**   * Studying project scope of work, participating in technical discussion & advising on selection of equipment; ensuring compliance with the prescribed company, clients, standards and statutory regulations * Heading all activities including providing technical inputs for methodologies * Ordering 25 MLD, 10 & 5 MLD STP’s at lowest project cost * Steering in implementation of **Capex& Improvement Projects** * Administering activities such as Stores & Spares Inventory Management and Safety & Environment Standards * Liaising with the Govt. Agencies and team for plant operations to set up standards with accountability for strategic utilization & deployment of available resources to achieve organizational objectives * Monitoring activities right from the conceptualization stage to execution, involving finalization of technical specifications, procurement, scheduling, progress monitoring, manpower planning * **Planning and effectuating predictive & preventive maintenance schedules for various machinery and equipment to increase machine up time & equipment reliability** * **Identifying areas of obstruction / breakdowns; taking steps to rectify equipment through application of troubleshooting tools** * Anchoring erection & commissioning of machines & equipment and ensuring completion of project in minimum turnaround time effective resource utilization to maximize the output * **Mentoring team, training & Sub ordinate development & enhancing performance**   **Equipment Purview:**   |  |  |  | | --- | --- | --- | | Waste Heat Recovery Boiler  Economiser  Chain Conveyors  Belt Conveyors  Roaster Furnace  Pneumatic Conveyors  Air Pre-heater  Ball Mill  Drum Cooler  Acid Towers  Pug Mills  Thickeners  Compressors  Reactors  Filter Presses  Screw Conveyors  Agitators  Gear Boxes  Power Plant (80 MW) Equipment  Water Treatment Plants  Filter Press & Rotary Kilns  Steam Management | EOT Cranes & Hoists  Centrifugal Pumps  Vacuum Pumps  Cathode Stripping Machines  Automatic Kuenz Make Cranes  Anode Washing Machines  Automatic Kuenz Cranes  Electrolytic Cells  High Pressure Pumps  Graphite Metallic Pumps  Zinc Slab Casting Machines  Cooling Towers  132 & 220KV Switchyard  96 KA x 2, 480 VDC Rectifier  Induction Furnace-2.4 MW  AC Drives upto 4.4 MW  Soft Starters – AB & Siemens  AC Motors (upto 3200KW)  Sewage Treatment Plants  Effluent Treatment Plants  Piping (MS, CS, FRP, SS, PVC, GRP) | ESP’s (Hot & Wet)  LT & HT Transformers  HT & LT Protections Systems  HT & LT Distributions  11KV, 3.3KV, 415V PCC & MCC  ACB’s & VCB’s – Siemens, L&T  SCADA – Siemens  UPS – Emerson & Hi-Rel  DCS - Honeywell  PLC’s – Siemens & AB  Thermocouples  Flow Meters  Weighing Scales  Pressure Transmitters  Level Switches & Transmitters  Temperature Transmitters  Weigh Feeders  Wind Turbines – 0.8, 1.5 & 2.1MW  Mining Ventilation System  Structural Fabrications  Chilling Plants | | |
| exp24x24iconsPrevious Experience | **Jan’95 - Jan’06: Sterlite Industries (I) Ltd., Silvassa**  **Growth Path:**  Jan’95 - Mar’98: Electrical Engineer - Copper Rod Plant  Apr’98 - Mar’99: Senior Engineer – Electrical, Copper Division  Apr’99 - Mar’02: Asst. Manager – Electrical, Copper Division  Apr’02 - Mar’05: Dy. Manager – Electrical, Copper Division  Apr’05 - Jan’06: Manager – Electrical, Copper Division | |
| D:\Icons\Training-Attended24x24icons.pngTrainings | * ERP Training (SAP-R/3: PP, PM & QM Module) of 6 months from HCL Infosys in Sterlite Industries, Tuticorin Plant * One Month Management Development Programme form SOM, IIT Mumbai * Training on Safety Standards from DuPont * IQRS Training from Quimpro Consultants, Mumbai * Internal Auditors Training for ISO 9000/ ISO 14001 from GE AR Key Associates, Chennai * TQM Member Training from Quimpro Consultants, Mumbai * Training on Leadership Skills from XLRI | |
| edu24x24iconsAcademic Details | * MBA (Finance) from Indira Gandhi National Open University in 2005 * B.E. (Electrical) from Government Engineering College, Bilaspur in 1993 | |
| D:\Icons\Courses-Attended24x24icons.pngOther Courses | * Leading Safety Efforts (LSE) Training from Du Point * Training from XLRI for Leadership Development Skills * Management Development Programme from IIT, Mumbai (School of Management) * Certified Quality Engineer Course from Quimpro Consultants, Mumbai * Lead Assessor Course (ISO 9000) by Quality Management International, Mumbai | |
| **Personal Details**  **Date of Birth:** 30th September 1971  **Current Address:** Flat No. 02, Vitthal Apartment, New Fatehpura, Near Saheliyon Ki Bari, Udaipur – 313001, Rajasthan  **Permanent Address:** 137, Anandpuri, West Boring Canal Road, Patna - 800001, Bihar  **Languages Known:** English & Hindi | | |