**Shatrughn Sinha**

Barbil, Odisha, India | [shatrughn.sinha@gmail.com](mailto:shatrughn.sinha@gmail.com) com | 91-9937294227 / 7999254987 | [LinkedIn](https://www.linkedin.com/in/shatrughn-sinha-ba061819/)

**Safety of Men & Machine | Production planning and control | Equipment Commissioning, Maintenance and operations, procedure standardization & Stabilization | Assets Optimization | SAP Compliance| Greenfield & Brownfield Project Management | Resource Management | Benchmarking and roadmap for standardization | SWOT analysis | Milestone tracking and raising bar for milestone targets | Improvement projects| Reverse Engineering | QMS & Audits|** **Stakeholders management**

Mechanical Engineering Professional, expertise in executing Greenfield & Brownfield Projects, maintenance, monitoring process & utility, identifying opportunities to improve timelines, accuracy of O&M metrics, process improvement , tracking and raising bars for targets, resources optimization and reduction in up time (low MTTR) tracking and CAPA compliance

16 years of experience in the Metal Manufacturing and Mining industry with expertise in commissioning, fault finding and troubleshooting of mechanical equipments, hydraulic & pneumatic systems, managing breakdown, preventive, predictive and condition based maintenance of machines, enabling minimum downtime, increasing uptime and enhancing equipment reliability. Extensive exposure in executing Debottlenecking and Six Sigma projects for capacity expansion and ensuring completion of projects on time and within budget. An efficient team leader, planning and allocating manpower resources, delivering technical support and conducting skill enhancement programs of employees.

Experienced in identifying process improvement initiatives to enhance production capacity, implementing changes to technology, machinery and equipment, quality assurance and control systems like RCFA, 5S, FMEA, Pareto and VED analysis. Skilled in ensuring availability of critical spares, developing local vendors for spares, finalizing contracts making and monitoring KPIs. Formulating budget & CAPEX planning. Effective in adhering to system and safety norms in daily operations and ensuring IMS implementation to secure ISO certification of plant. Adept in creating maintenance and spare parts planning through SAP MM and PM modules.

**Assets Optimization**

**Technical Audits**

**ISO Audits**

**Social Accountability**

**Sustainability**

**5S Audit**

**SAP Compliance**

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| --- | --- | --- | --- |
| **Budgeting & Cost Control** | **Preventive & Predictive Maintenance** | **Breakdown Maintenance**  **Condition Based Monitoring/**  **Maintenance (CBM)** | **Spares & Inventory Planning**  **CAPEX formation** |
| **Vendor Development** | **Vendor & Contract Management** | **Technical Support** | **Process Improvement** |
| **Reverse Engineering** | **Inspections & Compliances** | **Change Management** | **Training & Development** |

**Professional Experience**

**KALINGA COOMERCIAL CORPORATION LIMITED (KCCL)**

AGM- MechanicalNov2019- Present

**VEDANTA GROUP Mar 2005 – Oct 2019**

Manager – Operations & Maintenance, BALCO, Korba, Chhattisgarh Feb 2017 – Oct 2019

Manager, Vedanta Aluminium Ltd., Jharsuguda, Odisha Apr 2011 – Jan 2017

Associate Manager, Vedanta Aluminium Ltd., Jharsuguda, Odisha Dec 2007 – Mar 2011

Assistant Manager, BALCO, Korba, Chhattisgarh Jul 2006 – Nov 2007

GET, BALCO, Korba, Chhattisgarh Mar 2005– June 2006

**MAIN KPIs (Key Performance Indicators)**

* **EPC Projects**
  + - Green and Brown field projects and commissioning.
    - Tracking of mile stone time line completion
    - Resources planning and mobilizations
    - Start-up of the operation after project and commissioning
* **Machine and Equipment Maintenance & Safety**
  + - Creating maintenance check list, BOM, maintenance plan, SOPs & SMPs.
    - Conducting Root Cause Failure Analysis and performing preventive, predictive and breakdown maintenance of

Machines, CAPA, MTBF & MTTR tracking.

* + - Upgrading machine/parts drawing and implementing suggestions to ensure productivity improvement of equipment
    - Condition based monitoring and maintenance (Vibration analysis, Oil Analysis, Thermography, NDT test)
    - FMEA of the equipment, critical analysis and condition appraisal
* **Budgeting / Contract Management**
  + - Planning budget & CAPEX strategies to increase plant profitability, preparing budget reports and monitoring

Expenditure

* + - Preparing contract scope, finalizing contract, evaluating contract manpower and developing skill matrix
* **Raw material & Spare Parts Planning and Management**
  + - Vendor identification, valuation, development, technical scope preparation and finalization with vendor
    - RFQ and technical valuation
    - Negotiations with vendor and PO placement, quality clearance
    - Contract mobilization and KPI score card tracking
    - Preparing Bill of Materials (in SAP) and Material Master, conducting VED/ABC analysis, ensuring availability of

critical

* + - Spares and developing local vendors for spares , reverse engineering
* **Assets Optimization / Technical Audits / ISO Audits / Social Accountability/Sustainability/5S Audit / SAP Compliance**
* Preparing score cards, identifying areas of improvements, developing & executing action plan to ensure asset

optimization

* Ensuring IMS implementation for ISO certification of the plant, preparing documents, executing improvement

projects

* Maintaining SAP Compliance through SAP - PM & MM Modules and adhering to system & safety norms in daily

operations

* **Manpower Management / Training**
* Planning and allocating shift manpower resources and ensuring skills enhancement of the employees
* Identifying training needs and training new GETs (Graduate Engineer Trainees) and GTs (Graduate Trainees)
* Providing technical inputs and guiding team members in overseeing maintenance of machines and equipments in

the shop floor

* Contract manpower skill assessment and TNI mapping and technical training
* **Continues Process improvement / TQM/QC/KAIZEN**
* Project identifications, de-bottle necking projects
* Execution of improvement projects
* Technology up gradation and utilization improvements
* Tracking of equipment effectiveness and corrective action

**Education | Professional Development**

Pursuing **Ph.D in Municipal Solid Waste Management** fromDr. C V Raman University, Kota, Bilaspur

**Master of Business Administration (Marketing),** Indira Gandhi National Open University, 2011 – 2014

**Bachelor of Engineering (Mechanical Engineering),** Government Engineering College, Bilaspur, 2000 – 2004; 84%, Gold Medalist

**Trainings:** Industrial Hydraulics & Pneumatics from IIPM, Khansbahal | ISO Internal Lead Auditor Course | Condition Based Maintenance, IIPM | 21 days Vocational Training at NTPC Super Thermal Power Station |

**Six Sigma green belt**

**Declared Technical Star in 2016**

**Publication**

**Shatrughn Sinha,** Dr. Rahul Sharma, “Municipal Solid Waste Management – A review of models”, © 2019 International Journal of Research and Analytical Reviews (IJRAR), May 2019, Volume 6, Issue 2; IJRAR19K3560

**Certification of Publication:** Received Certificate in recognition of the publication of paper, “Municipal Solid Waste Management – A review of models”, published in International Journal of Research and Analytical Reviews (IJRAR)

**Software Knowledge:**

Microsoft Office

SAP MM & PP Module

**Personal Details:**

Name- Shatrughn Sinha

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Chhattisgarh, India

Pin 495445

Notice Period:   1 Month

***WORKING WITH FOLLOWING MACHINERY AND EQUIPMENT***

* **Metal Casting Equipment Operations and Maintenance:** Induction Holding & Melting Furnaces (30, 60 & 80 Tons) , Billet Homogenizing Furnaces (Batch and Continuous both type), Metal Launder & Ladles maintenance, Ingot Casting Machine, Billet Casting Machine, Billet Cutting Machine (Power saw),  [Wire Rod Continuous Casting Machine (Southwire 8 TPH & Properzi 15 TPH)](https://www.google.com/search?sxsrf=ALeKk02aZgaC45bDIve2L-b_1WLNaF6g_A:1596245627413&q=Wire+Rod+Continuous+Casting+Machine+(Southwire+8+TPH+%26+Properzi+15+TPH)&spell=1&sa=X&ved=2ahUKEwi-muKs7vjqAhW9yDgGHbtcCQQQBSgAegQIChAn), Homogenizing Furnaces, Pump House, Cooling Tower, AVGF (Automatic Valve less Gravity Filter), Strapping Machine.
* **Hydraulic & Pneumatic System / Power Packs:** Hydraulic-Pistons & Gear Pumps, Modules, Gear Boxes, Diesel Engines. Transmission and Drive Chains, Lobe Type Pump, Linde, Parker, Vikers & Dynamatics Systems, Transmission of Avtec, Gear Reducer of Brevivini, ZF Gear System, Graziano Transmission, Fluid Coupling System
* **Material Handling Equipment Operations and Maintenance:** Belt Conveyors & Bucket Elevators, Screw Conveyors, pneumatic conveyor, Ball Mill, Classifier, Cyclone Separators, Impact Crushers, Jaw Crusher, Cone Crusher, Mobile Screen Plant, Wagon tippler, Truck tippler, Track hopper, Stackers & Reclaimers, Vibro Compactor, Cooler, Kneader, preheater, P&F Conveyer, Vibro Feeder, Vibro Screen, Over-Head Cranes, ID Fans Dedusting System, EOTs ets.
* **Heavy Earth moving Equipment Maintenance** made by Hencon, Techmo, TPS, Dulevo make metal handling vehicles; Godrej, Ace & Voltas make forklifts, Volvo, CAT, Komatsu, Greaves Dushan Atlas Copco, Epiroc and Kleemann make loader, excavator dozer DG sets, light source, Diesel welding machine tipper, hydraulic drill, compressor, mobile screen etc.