### ****Curriculum Vitae****

**RISHIKESH MISHRA**

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Rishikesh Mishra, C/o Jay Prakash Beniwal,Beniwal chouk, Matapuli Roal, Samalkha, Distric- Panipath, Haryana, Pincode: 132101



BE-**Mechanical**,

Certified Boiler Operation Engineer (**BOE**)

BEE Certified**Energy Manger,**

Total Work Experience**:11+ Years**

### Post for: Manager/ Sr. Manager in Thermal Power Plant/ WHRS

**Area of Experience:**

Thermal Power plant Safe, Reliable and Efficient operation and plant construction Erection & Commissioning. Having good knowledge and experience of AFBC, CFBC, Travelling Grate, Iron and Cement Kiln based waste heat recovery boiler operation. At present as Designation Manager leading Haryana Organics (**A Unit of Globus Spirits Ltd**.)33 million Bulk Liters PA capacity Distiller**y** unit Power plant Operations & Maintenance.

**Job Profile:**

* Manages and oversees the daily operations of aThermal Power Plant Operation &Maintenance.
* O&M of ABFC, CFBC,(PF) Pulverized Coal Fired, Traveling Grate-Fired, Spreader Stoker Fired, Cement Plant Pre heater & Air quenching cooler waste heat recovery Boilers, Siemens, BHEL, TirveniMake Steam Turbine ,BHEL, TDPS Generator, DM Plant , Coal Handling , and Ash Handling Plant.
* Monitors operations for efficiency and safety ensuring that all applicable regulatory requirements are followed.
* Energy &Water Management.
* General shift operation of Thermal Power Plant, Manage oversees technical staff, such as Operation & Maintenance, and hires and trains personnel.
* Provides input to strategic decisions that affect the functional area of responsibility.
* Giving input into developing the Revenue & Capital budget.
* Capable of resolving escalated issues arising from operations and requiring coordination with other departments.
* Sound knowledge of Thermal Power Maintenance and Preventive Maintenance.
* Thorough knowledge of Safety on maintenance of power plant.
* IBR Documentation and IBR lisoning work and co-ordination with boiler office
* Condition Monitoring and data collection which is vital to the Health and Efficiency of machine.
* SOP - Operations,Preventive, Predictive & Proactive Maintenance.
* Knowledge of ERP&SAP System / MS Office / Auto CAD.
* Technical / analytical / conceptual skills
* Good Presentation, Team work, and interpersonal skills.
* Coordinates 24/7 coverage of utility performance

**WORK EXPIRENCE:**

1. Haryana Organics (**A Unit of Globus Spirits Ltd**.)

4 Km, Chulkana Road, Samalkha, District: Panipat, Haryana

**Designation: Manager – Power Plant,**

**Distillery Capacity:** 33 Million Liters per annum

**From 04/09/2020 to 18/08/2021**

**Plant Major Equipment’s:** Boiler-1:-Cheema Make AFBC Boiler Capacity-25 TPH, Pressure 67 Kg/Cm2, Temperature 490 ⁰C.

Boiler-2:-Cheema Make Travelling Grate Boiler Capacity-17 TPH, Pressure 67 Kg/Cm2, Temperature 490 ⁰C.

Turbine -1:- 2.8MW Tirveni make Turbine with tirveni gearbox, and BHEL Generator.

Turbine-2:- 1.8MW Kessels make Turbine With Tirveni Gearbox and TDPS Generator

**Job responsibility:**

* Leading, Planning and Manage Project Execution, Erection and Commissioning activities of PH and AQC boilers, Turbine and its Auxiliaries ACC, ACT, BFP, CEP, and Air compressors
* Operation of Green Power Plant (Waste Heat Recovery Boilers, Turbine, Air Cooled Condensers and its auxiliaries).
* Monitoring expenses with optimum utilization of resources.
* Co-ordination with Project team members (HO & Site), Various Contractors and supporting departments.
* Evaluation of critical activities and suggestion for remedial measures.
* Identify the areas of obstruction / quality failures and advise on system and process changes for qualitative improvement in Project work.
* Ensure safety during work by compliance of safety parameters.
* Proper taking over of the O&M Spares supplied by Various Contractors as per contract
* Stores inventory management for GPP Equipment’s spares
* Planning, Scheduling monitoring of the Project Schedules submitted by EPC Contractor w.r.t Time and cost
* Site activities, manpower deployment planning without affecting the Cement plant production
* Review and optimization of available resources of various Contractors
* Periodically monitoring of the project progress.
* Organizing Progress Review Meetings at Site
* Coordination with Key Government Agencies & Regulatory Authorities, for certification and license and handling IBR related compliance and conformance.

1. **SATGURU CEMENT PVT. Ltd. (Subsidiary of the SAGAR CEMENTS Ltd.) Karondiya village, District -Dhar, Madhya Pradesh)From 04/09/2020 to 18/08/2021 PresentDesignation: Deputy Manager,**

Leading Cement production unit Preheater and Air quenching cooler waste heat recovery based 5.3MW Green Energy Power Plant construction ( Erection & Commissioning) execution, and Operation & Maintenance.

**Plant Major Equipment’s:**

Thyssenkrupp make AQC Boiler Capacity 23 TPH, Pressure12.5 Kg/Cm2, Temperature 420’C, PH HP Boiler Capacity 9 TPH Pressure13.2 Kg/Cm2, Temperature 280’C, and PH LP Capacity 7 TPH Pressure2.5 Kg/Cm2, Temperature 420’C Boiler, Siemens make 5.3 MW Turbine, TDPS make generator, Tirveni make TG Gearbox. Paharpur make Air cooled Steam condenser.

**Job responsibility:**

* Leading, Planning and Manage Project Execution, Erection and Commissioning activities of PH and AQC boilers, Turbine and its Auxiliaries ACC, ACT, BFP, CEP, and Air compressors
* Operation of Green Power Plant (Waste Heat Recovery Boilers, Turbine, Air Cooled Condensers and its auxiliaries).
* Monitoring expenses with optimum utilization of resources.
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* Ensure safety during work by compliance of safety parameters.
* Proper taking over of the O&M Spares supplied by Various Contractors as per contract
* Stores inventory management for GPP Equipment’s spares
* Planning, Scheduling monitoring of the Project Schedules submitted by EPC Contractor w.r.t Time and cost
* Site activities, manpower deployment planning without affecting the Cement plant production
* Review and optimization of available resources of various Contractors
* Periodically monitoring of the project progress.
* Organizing Progress Review Meetings at Site
* Coordination with Key Government Agencies & Regulatory Authorities, for certification and license and handling IBR related compliance and conformance.

1. **The KCP Ltd. (KCP Cement Unit-II, Muktyala, Andhra Pradesh)From 22/03/2014 to 14/08/2020Assistant Manager** Captive Power Plant Operation & Maintenance. The KCP LTD. Having 1x 18MW Captive Thermal Power Plant with 80TPH AFBC **Boiler Make KCP**, **Siemens Turbine** with **TDPS generator**.

**Job responsibility:**

* Responsible for safe reliable, and environmental friendly operation of thermal power plant. Evaluated and managed plant performance and initiated improvements affecting reliability, availability and efficiency.
* Directed and coordinate the day to day activities of operating personnel to meet generation schedules including efficient utilization of unit start up milestones as it relates to unit operation and fuel consumption.
* Performed additional duties and handled special projects as assigned by the Plant Head and engineering departments to ensure Boiler, TG, CHP, AHP back end technology reliability and performance.

(Worked with Dr. of Boilers Mr. KK Parthiban Sir)

* Participated in the development and management of the station operating O&M budget and expenditures.
* Ensure reliable operation records are maintained and recorded for historical purpose and to document performance metrics for the plant.
* Ensure proper water treatment of Boiler feed water and evaluate water analysis test.
* Well operation expert in DCS (Emerson, Honeywell) and Siemens make Woodward 505 Turbine Governor controller operation.
* Plant critical equipment spares such as Turbine, Boiler Feed pump & Boiler safety valves, and Control valves Spares Maintenance and inventory planning.
* Boiler cold start up, Hot Start up, trouble shooting, and Shutdown Jobs planning and supervision, Boiler annual inspection from Wind-box to Chimney, Boiler renewal inspection, and responsible for required Maintenance.
* Responsible for Machine Performance Assessment, data collection, Condition Monitoring.
* Carry outs Vibration analysis of all rotary equipment’s and auxiliaries in thermal power plant, including Steam Turbines, centrifugal pumps, fans and electric motors etc.
* Plant house keeping
* Coordination with O&M Crews

**“Achieved Inter unit Best Engineer award in 2017, 2018 and 2019 in area of Energy conservation and reduction of Cost of Production”**

1. **Gactel turnkey projects Ltd. (Gammon India Ltd.)** Mumbai, from 16/07/2012 to 31/03/2014 Project and planning Engineer, In Dry Cooling Division.

**Job responsibility are similar in GTPL (Gammon) andGEI:**

* Project Execution Erection & Commissioning of Thermal Power Plant steam Turbine ancillary equipment Air cooled steam Condenser, and Heat Exchangers for oil refineries.
* Fabrication of Heavy Steel Structural, LP & HP Piping, and Rotary equipment FAN , Pumps, and Steam Jet ejector Erection and commissioning.
* Project Planning and coordination with customer, Sub-contractor, and various equipment supplier etc.

Projects Executed as Site In charge

1, Maruti Suzuki Gurgaon, India, Co**-generation plant** (33.5 Gas turbine, 11 MW steam Turbine)

2, Usher Agro Ltd. Mathura, India, (16MW)

3, Shah Sponge & Power Ltd. Jamshedpur (Tata Nagar), India, (15 MW)

4, Dalmiya Bharat Sugar **Co-Generation plant (14.5 MW**)

5, The KCP Ltd., Jaggaiahpet, (AP), India (18 MW)

1. **GEI Industrial System Ltd. Bhopal**, Madhya Pradesh From 15/07/2010 to 14/07/2012

Project Engineer.

**Job responsibility in GTPL (Gammon) and GEI were similar**

Projects Executed as project engineer and Site In-charge

1,ABG Cement Ltd., Kutch Gujarat, India, (2 x 25MW)

2, MTPCL Cuttack Orissa, India, (2 x 30MW)

3, Bhavnagar Biomass Power plant, Bhavnagar Gujarat, India, (10MW)

4, Wonder Cement Ltd, Rajasthan, India, (40MW)

**SPECIAL TRAINING UNDERGONE:**

* **Underwent 45 day’s Industrial training inCROMPTON GREAVES LTD., MALANPUR (GWALIOR), M.P**.
* Attended **KSB India** customer training Program for High Pressure Pumps specially Boiler Feed Pump (HG/ CHT type) Maintenance & Operation.
* Attended training program for Boiler operation engineer and operators at **AP GENCO Training institute Dr. Narla Tata Rao Thermal Power Station 1760MW (6x210MW, 1x500 MW) Ibrahimpatnam, Vijayawada,** Andhra Pradesh, organized by Govt. of A.P. Under APSECM.

**EDUCATION:**

* Bachelor ofEngineering in **MECHANICAL** streamfrom Shri Ram collage of engineering and Management Gwalior, Madhya Pradesh. (Affiliated from RGPV, Bhopal), with 68.13 % First divisionin year 2010.
* Passed out Sr. Sec. Examination with 63.7 % from M.P. Board, Bhopal, with First division in year 2006.
* Passed out Metric Examination with 65.6 % from M.P. Board, Bhopal, with First division in year 2003.

**Certified Boiler Operation Engineer (BOE)-Andhra Pradesh (August 2017)**

**Certified Energy Manager (Bureau of Energy Efficiency)-2019(EA-29667)**

**Technical Skills**

* Thermal [Power plantefficient, economic and safe Operation](https://www.naukri.com/power-plant-operation-jobs).
* [Cost Control Management](https://www.naukri.com/cost-control-management-jobs).
* [Environment Protection](https://www.naukri.com/environment-protection-jobs).
* [Performance Improvement](https://www.naukri.com/performance-improvement-jobs), [Energy Conservation](https://www.naukri.com/energy-conservation-jobs), Ability to analyze & identify improvement opportunities during energy audits.
* Operation &[Maintenance](https://www.naukri.com/maintenance-jobs)[Budget Preparation](https://www.naukri.com/budget-preparation-jobs).

**Communications Skills:**

* Technical and non-technical reports and proposals Writing
* Maintain relationships with Colleagues, Head of the Plant and Other departments.
* Having Good presentation skills

**Other Skills:**

* Team leadership, Work in teams.
* Work on multiple projects simultaneously
* Proficiency with Microsoft Word, Excel, PowerPoint, **Enterprise resource Planning (ERP) Software**, Auto Cad
* Willingness to travel & work at different work environments

**Language Proficiency: -** English**,** Hind

Telgu-speaking only.

**Passport No. : K9106568**

**Date of Expiry : 03/01/2023**

**Declaration:-**

I hereby declare that the above mentioned information is true in best of my knowledge and belief.

Date: May 2021

**(Rishikesh Mishra)**

Place:Satguru Cement Pvt Ltd., Village-Karondiya,

Distric- Dhar, Madhya Pradesh