

Radheyshyam Maurya

Operation Manager

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Address:

Designer Heights,
Old RTO, Pratapnagar
Udaipur, Rajasthan.

Marital status: Married

Language: Hindi and English

Professional summary

To plan, organize, coordinate, supervise and control the Operation activities at an O&M site. To manage the complete Power Plant Operation function correctly and efficiently as per laid down procedures/ contract. These functions include upkeep of the boilers, turbines, balance of plant (BOP) and the facilities available in the plant, To plan, allocate and monitor, Boiler operation, Turbine operation, BOP Operation, Condition Monitoring, co-ordinate with the maintenance department, external services, prepare/present MIS reports, within the guidelines of policies with the objective of ensuring smooth running of power plant and meeting Customer expectations.

To be a part of an organization that enables realization of individual potential and capabilities, also I want to develop my skills in this globalize world by the help of one of the best companies in India.

Professional Qualification

- Diploma in Mechanical Engineering in 1997.
- Correspondence BE in Mech engg. in 2012.

Soft skill:

- MS word, Excel, Power point,
- DCS operation of Honeywell, yokogawa, Max-DNA,

EMPLOYMENT DETAILS

1. M/S SS & Company at HZL, (Vedanta Group), Dariba, Rajasthan.

Designation: Site Manager

Duration: Dec 2020 to till date.

Plant Specification: 80*2 MW and 320*2 TPH Boiler.

Role and responsibilities – Lead and manage overall maintenance activities of the Power plant with safety as the top priority. Documenting progress report, safety awareness of due Pont culture. Oversee process integrity and equipment reliability. Ensuring that strategic goals are met by designing and implementing definitive metrics, employee support, and strategic planning.

Achievement: Reduce overtime 1200 hrs to 600 hrs in the month

2. Feedback Power O&M Services Ltd. at Hindustan Zinc Ltd, Zawar mines -Udaipur Rajasthan.

Designation: Operation Manager

Duration: April 2017 – March 2020 (~ 03 years)

Plant specification: Captive Power Plant with 80 MW turbine with 5 extraction & 320 TPH*1 PF Boiler.

Roles and responsibilities:

Contract Deliverables

Responsible for achieving following Contractual deliverables:

- a) Availability of Units / Station
- b) PLF
- c) Heat Rate
- d) Boiler & Turbine Efficiency
- e) Aux. Consumption
- f) Power Factor
- g) DM Water Consumption
- i) Zero Injury (LTI)
- j) Zero LD

Planning

- a) Annual Operation plan to be prepared in consultation with Maintenance Department, customer requirements and contractual deliverances.
- b) Budgeting: To support Power Plant Manager in preparation of annual cost planning w.r.t. to Operation.
- c) Resources: To plan required External Services / Internal Services / Manpower Management / Sp. Tools & tackles
- d) Spares & Consumables: To Plan for Annual requirement of fuel and chemicals and Half yearly consumables requirement.
- e) Understanding customer need and align plant operation.

Routine job

- a) To do regular walk-by inspections to ensure that all personnel in the operations department are diligently recording the defects.
Review Daily / weekly Operation Parameters
- b) Having Daily / Monthly Department & Customer meetings.
- c) To resolve customer / employee issues to the extent possible before it gets escalated to higher level.
- d) To prepare monthly Shift schedules for entire Operation team
- e) To prepare SOPs for all equipment / process operations.
- f) To support monthly physical verification of coal.
- g) To focus on Aux. Power consumption.
- h) Identification, Calculation and rectification of losses effecting plant and equipment's performance and efficiency.

Safety

- a) Implementation of prudent safe practices at work places
- b) Compliance of OHSAS 18001
- c) To ensure continuous improvement in Safety Score.
- d) Identification of Critical activities and preparation of JSAs
- e) Implementation of Good housekeeping practices and ensure that all operating floors are maintained neat and clean.

Competence Assessment & Development

- a) To do Competency assessment for Operation team (WIN and Contractor employees).
- b) Performance Appraisal and Development planning for Operation team.

Training

- a) To conduct in-house training programs as per the gap identified in Competence Assessment for all members of the Operations Team to enhance skill level of members.
- b) To conduct periodic training programs (refresher courses) where the employees can share their knowledge with others.
- c) To ensure identified training is imparted through External / Internal training programmers.
- d) To do training effectiveness evaluation

	e) To identify, train & develop at least one or two successors.
Development of Systems & Processes / Continual improvement	<p>a) To contribute / facilitate in development of systems and processes to improve Safety, Technical and Financial performance.</p> <p>b) Participation in 3E Projects. Encourage other members of the team to participate.</p>
Way of Working	a) Imbibing Feedback Way of Working and demonstrate Feedback Values and Standards
Review	<p>a) Daily / Monthly / Annual Key Performance factors</p> <p>b) Defect identification and removal status (Pending)</p> <p>c) Review of Daily log sheets and log books.</p> <p>d) Close observation of water quality parameters</p> <p>e) Statutory compliance w.r.t. to operation.</p> <p>f) Annual Operation & Maintenance plan Vs Actual status</p> <p>g) To review and revise SOPs as and when required but at least once in a year.</p> <p>h) To implement Action plan prepared for improving Customer Satisfaction (CROL) Rating and Employee Satisfaction (My Voice) Rating.</p> <p>i) Review department safety scores, near misses and CAPA (Corrective and Preventive Actions) required.</p>
Reports	<p>a) To ensure timely deliverance of Daily / weekly / Monthly / Annual performance reports to Plant Manager and Customer as per agreed Way of working.</p> <p>b) To prepare fuel and water balance reports.</p>

3. Wartsila India Pvt. Ltd. at Hindustan Zinc Ltd at Dariba, Rajasthan.

Designation: Assistant Manager (Planning & Efficiency)

Duration: August 2010 – March 2017 (~ 06.8 years):

Plant specification: 80*2=160 MW turbine with 5 extraction & 320 TPH*2 PF Boiler. Commissioning,

Rols and reponsibilities:

- Involved in VSM of process & prepare strategy to improve value add activity. Evaluation of vendor & track performance of vendor. Tracking TAT of coal truck & prepare strategy to optimize TAT to avoid demurrage charges.
- Responsible for production planning as per demand, tracking boiler efficiency daily basis & prepare strategy for loss reduction. Responsible for coal ratio planning to achieve budgeted production cost.
- Provide PTW for PM & other critical job and check that work should complete safely, tracking closure of PTW & it's compliance
- Prepare MIS of production details & analyse data for giving technical support to plant head for taking critical decision. Organize weekly meeting to generate idea for improvement& prepare MOM of meeting
- Preparing "Operation review" PPT for presentation & co-ordinate with all department to complete task which will decide during review. Involved in various cost reduction project to improve business performance
- Identify the higher power consuming equipment to optimize the "auxiliary power consumption"& implement new technology to improve plant performance by reducing "thermal loss". Tracking performance of new technology & suggest modification in the system if required

- Implement & maintain 5S inside the plant & give training to subordinates regarding 5S. Involved management in GEMBA walk for improvement
- Actively involved in process optimization by identifying critical process of the plant & maintain process capability within limit. Involved all subordinates in KAIZEN for improving process & organize KAIZEN competition among employees. Implementing “Best from Waste” for creating interest & involvement of employees. Using Fish Bone diagram to find out the root cause of problem
- Prepare training schedule for training of subordinates for SOP of all equipment & doing audit for checking of adherence of SOP and safety by field operator. Time to time change SOP with respect to best practise collecting from different sources
- Involved in planning of annual shut down & prepare work break down structure. Tracking KPI of plant performance & prepare KPI deviation report for plant head

4. Naglamal Sugar Complex (A unit of Mawana Sugars Ltd.)

Designation: Assistant Manager (Shift In charge)

Duration: January 2006 – July 2010 (~ 04 years)

Plant specification: 27MW Co-Generation Plant.

Achieved production target, trouble shooting and maintain parameters during operation.

Commissioning of 20MW TG Shin Nippon and 120TPH Travel grate Boiler Thermax make of three units.

5. Hindalco Industries Ltd. (Aditya Birla Group). Renukoot

Designation: DCS Engineer

Duration: March 2004 – December 2006 (~ 02 years)

Plant specification: Boiler (80+80+140+150TPH) PF & AFBC Boilers.

6. Captive Power Plant Renuagar Power Division (Aditya Birla Group)

Designation: Assistant controller

Duration: December 1997 – March 2004 (~ 06 years)

Plant specification: Total Capacity 740MW. 11 Nos. of PF Boiler (BHEL make) capacity 275 – 310 TPH, pressure 90 – 115Kg/Sq.cm. Temp 515 OC

535.OC & 10 Nos. +condensing turbine with five extractions.

Achievements:

- awarded as Best HOD for maintaining highest PLF and low unburnt carbon, low SCC and least tripping among 3 sites of HZL by Vedanta management.
- Unburnt carbon reduced from 8.0% to 3.5% in fly ash
- Reduced the tripping
- Reduced the SCC from 445 to 437.5grm/kwh
- Reduced the chocking in coal plant during rainy season
- Reduced the APC of compressor, Ash plant, PA fan,
- Increased the Mill fineness 69 to 75%.
- Drive the AO related activities

- Implement the LOTO and sustained
- Positively run the PSM activity in plant
- Reduced the coal feeder chocking.
- Unit start up at minimum oil consumption and Record time
- Zero breakdown achieve of coal plant HHEM.
- Create the SOP of Process.
- Increased the DM plant efficiency 12 mtr3 to 18mtr3
- Reduced the SWC 2.72 to 2.61

Declaration:

I affirm that particulars given above by me are true & I solely responsible for its accuracy.

Date: 20/05/21

Place: Udaipur

Radheyshyam Maurya