

ARVIND SAXENA

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NAGAR, KANPUR-
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***SEEKING ASSIGNMENTS TO MANAGE POWER PLANT OPERATIONS,
ERECTION AND INSTALLATION*****PROFESSIONAL SYNOPSIS:**

- Seasoned professional with more than 25+ years of rich and insightful experience in Erection & Commissioning and O&M of Boiler Turbine and its Auxiliaries
- Profit & Loss management, Team Building & Management, Project Management, and plant maintenance Support.
- Expertise in plant modification and improvement jobs.
- Power saving measures.
- Expertise in operation and maintenance of entire Thermal power Plant.
- Expertise in formulating and implementing the reduction in fuel cost to bring growth avenues for the company.
- Ready to take new challenges.
- Good Communication and inter personal skill.

TECHNICAL QUALIFICATION

Professional : B.Tech - Electrical Engg.-H.B.T.I. Kanpur (1989-1993) with first division

BOE - Boiler Operation Engg. From Directorate of
Boiler Kanpur – 2003

Energy Auditor - Energy saving and performance assessment
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from Bureau of energy efficiency

PERSONAL DETAILS

Date of Birth : 15th November 1967
Nationality : Indian
Sex : Male
Marital Status : Married
Languages Known : English & Hindi
Hobbies : Reading Magazines& Journals

WORK PROFILE:

Total Experience: 25 Years plus

Organization : Balrampur Cheeni Mills Ltd.- Gulariya unit.
Position : DGM - Power Plant
Level : Senior Management Level
Duration : 1st April 2019 to July 2020
Current organization: Bajaj Hindusthan Ltd, Rudhauri. Dist: Basti U.P.
Position : **DGM-Engg Head (Distillery 160 KLPD)**

The Second largest sugar manufacturing company in India. Bajaj Hindusthan Limited is one of India's largest integrated sugar manufacturing companies.

Working Area

- Reporting directly to the Unit Head.
- Effective preventive maintenance of all equipment to bring zero break down.
- 3 TG'S : 21.3 MW, 10 MW and 7.5MW. Operation and maintenance.
- Boiler 2x90TPH and 60 TPH incineration boiler Operation and maintenance.
- Preparation of Budget.
- Monitoring of all critical parameters directly related to quality and cost of production.

Role and Responsibilities

- Participating at a senior level in the management of plant operations.
- Making decisions about equipment use, maintenance, modification and procurement.
- Benchmarking best practices and driving the use of such methods across responsible operations.
- Optimizing profit while considering the lifetime of the plant and the operation period.
- Carrying out regular health and safety inspections
- Ensuring that the plant complies with all regulations as regards noise, dust, hours and emissions.
- Monitoring the quality and standards of products produced by the plant.
- Providing leadership, coordination and coaching to the plant and operational team.
- Ensuring adequate competent staffing levels all times.
- Maintain a world class housekeeping and visual acceptance program (keep it neat and clean)

PAST EXPERIENCE

Organization : Ultratech Cement Ltd. Sidhi cement Plant, Sidhi (MP)

Position : DGM -Operation

&maintenance Level : Senior

Management Level Duration : July

2017 till March -2019 .

UltraTech Cement Limited. is the largest manufacturer of cement in India and ranks among the world's leading cement makers. UltraTech's vision is to be 'The Leader' in Building Solutions. The company has a consolidated capacity* of 102.75 million tons per annum (MTPA) of grey cement.

Working Area:

- To run the plant at maximum utilization capacity at Optimum heat rate.
- To Minimize Auxiliary Power Consumption.
- Reduction in fuel consumption.
- Arrest all false air entry in Boiler.
- Reduce Power cost on continual basis.
- Run all equipment's at rated capacity.
- Effective preventive maintenance of all equipment to bring Zero break down .
- Motivate the team for good safety culture.

Role and Responsibilities

- Review on a regularly scheduled basis reports, trending, output and use that would be viable to the overall improvement of the systems
- Review manpower schedules to ensure established criteria can be met safely and efficiently
- Review on a periodic basis cost controls and how to save energy expenditures
- Maintain a world class housekeeping and visual acceptance program (keep it neat and clean)
- Provide regular coaching and mentoring sessions with employees regarding job performance. These are not to be confused as disciplinary actions but overall continual improvement of the system
- At least semiannually conduct a six-sigma audit to reduce efficiency constraints and to develop new strategies of output
- Create work orders in a timely manner to ensure completion in a timely manner
- Develop an open dialogue regarding issues, risk analysis, shut downs, union work force concerns and open communication with the appropriate chain of command for these issues through the Senior Operation Manager and Site Lead

Achievement:

- 60 MW Plant Operated at minimum heat rate and Auxiliary power consumption to run both Cement Plant Kiln Operation.
- 35 MW operated at full capacity at minimum heat rate , Auxiliary Power

consumption and minimum cost of production to run both Cement Plant
Kiln Operation.

Organization : Jaypee Associates Ltd.- Jaypee Sidhi cement Plant, Sidhi(MP)
Position : DGM -Operation & maintenance
 Asst. Manager → Manager → Sr. Manager → DGM
Level : Senior Management Level
Duration : July 2004 till July 2017.

JAIPRAKASH ASSOCIATES LIMITED is the flagship of Jaypee group, a Rs.30,000 crore well diversified infrastructure conglomerates with active presence in civil engg., power, cement, hospitality, real estate, expressway, mining, information technology and across the entire spectrum of education.

The cement divisions of Jaiprakash Associates Ltd. Operates modern cement plants with an aggregate capacity of 30 MPTA. The group is poised to be a 40MPTA cement producer by 2015 and become largest producer of cement across the country.

Working Area:

- To run the plant at maximum utilization capacity at Optimum heat rate.
- To Minimize Auxiliary Power Consumption .
- Erection, commissioning, and O&M of 125 TPH, 87 at CVL make AFBC Boiler.
- Erection, commissioning and O&M of 27 MW Siemens Turbine.
- Erection commissioning and O&M of Air Cool Condenser make GEA.
- Erection ,commissioning and O&M of 175 TPH,87ata make Thyssen Krupp & Industries Ltd., CFBC Boiler
- Guiding and assisting the team
- Reduction in fuel cost of production.

Achievement:

- Rationalize the all type of fuel to get minimum cost of production .
- Maximum use of Alternate fuel in boiler.

Role and Responsibilities:

- Establishes a baseline that monitors overall plant performance. Manages plant performance improvements based on Key Performance Indicator (KPI) measurements
- Develop and manage the team, including talent development, performance management, and labor management (Organization)
- Develop the plant staff and workforce through the performance management process, including training and development plans for each direct report
- Focus on talent and organizational development, develop an effective succession planning process, and creates a culture focused on continuous improvement
- Develop collaborative interdepartmental working relationships.

- Develop plant goals and works with and through subordinate associates to achieve results.
- Improve performance and assure management succession by training, developing and motivating department personnel

Organisation : BalrampurChinni Mills Ltd. Balrampur
Position : Asstt. Manager (Operation)
Duration : May 2002 to June 2004

Working Area:

- Erection and Commissioning of 80 TPH& 86 at TBW Boiler.
- Erection & Commissioning of 20 MW, BHEL Turbine.
- Preventive maintenance of all equipment.
- Implementation of History Cards.
- Shutdown job planning.
- Plant Maintenance Boiler, Turbine & its Auxiliaries, Fuel & Ash handling etc.
- Condition based monitoring of all equipment.

Achievement:

- Successful E&C of Boiler.
- Successful E&C of TG and other equipments of Power Plant.

Role and Responsibilities:

- Preventive maintenance of all equipment's.
- Implementation of History Cards.
- Shutdown job planning.
- Plant Maintenance Boiler, Turbine & its Auxiliaries, Fuel & Ash handling etc.
- Condition based monitoring of all equipment's.
- Trouble shooting of various power plant problems.

Organisation : Bajaj Hindustan Ltd., Palia Kalan (U.P.)
Position : GET → Asst. Engineer → Engineer
Duration : July 1993 to May 2002

Bajaj Hindustan Sugar Ltd. (BHSL), a part of the 'Bajaj Group', is India's Number One sugar and ethanol manufacturing company, headquartered at Mumbai (Maharashtra), India.

The Company has fourteen sugar plants, which are all located in the northern Indian state of Uttar Pradesh (UP): Golagokarannath, PaliaKalan and Khambarkhera (district LakhimpurKheri), Barkhera (district Pilibhit)...

Working Area:

- Electrical Maintenance Division
- Boiler Division
- Erection and Commissioning of Boiler & Turbine

Achievements:

- Breakdown of machinery level reduced from 4% to 2%.
- Maintain good housekeeping all-round the Boiler area.

Role and Responsibilities

- Boiler operation and maintenance.
- Erection & Commissioning of Boiler, Turbine, & its Auxiliaries and Balance of plant.
- Preventive maintenance of boiler & its Auxiliaries, Turbine & its Auxiliaries and DM Plant & its Auxiliaries, Plant modification and improvement work preparation and implementation of various operation procedures & Preparations of History Cards of all equipment's.

KEY FUNCTIONAL SKILLS

- Commissioning activities of boiler like Refractory dry out, alkali boil out, chemical cleaning followed by passivation and steam blowing etc.
- Isolation of equipment and issuing PTW for the maintenance work.
- Follow-up with different vendors for solving the plant equipment related problems.
- Commissioning of DCS-Checking DCS graphics, alarm system, Tripping values, Loggings and Archiving of trends.
- Follow-up of erection and ensure that it is as per the approved PIDs.
- Development of Programs in MS excels for generation calculation and performance monitoring.
- Implementation of safety measures and involve in five-star safety Audit.
- Involvement in ISO 9001, 14001 & 18001 certification.
- Operation of 2x60MW & 1x35MW captive power plants and managing shifts.
- Operation of coal handling plant, DM plant and Ash handling plant.
- Issue of operating procedures for safe and smooth operations.
- Control of Archives (Drawings, Manuals and Records etc.).
- Operation in charge of entire Power Plant.
- Preventive maintenance of entire plant equipment.
- Log book preparation and monitoring of various parameters of entire plant.
- Production of daily generation report.
- Monthly MRI Report Generation.
- Ensuring of fuel stock.
- Control of efficiency figures of the entire plants.
- Analysis of cost of power generation/export, critical study of various performances like heat rate, specific oil consumption, auxiliary power consumption etc. and setting of future target for performance.
- Carrying out activities like shut down, light up, rolling and synchronization.

- Preparation of budget and trekking of cost control.

PROFESSIONAL TRAINING

- 3 months in plant training in Panki Thermal Power Plant, Kanpur.
- One-week training in boiler operation, safety, destructive and nondestructive testing at THERMAX BABCOCK and WILCOX LTD. Pune in the year of 2000-2001.
- Quality circle training
- First aid training
- SAP training
- Energy saving training at Delhi.
- Boiler Steam Tech Seminar Attended in Ahmedabad.
- Switchgear Protection Seminar Attended in Lucknow, arranged by L&T.