

Sameer Srivastava

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Highly efficient Mechanical Engineering professional with over 24 years of insightful experience in the field of Commissioning, Operation & Maintenance of Boilers & Power Generation plants, seeking a Top managerial assignment.

Mechanical Engineering Professional with **24+** years practical experience in complete power plant operations, maintenance and commissioning, predominantly of PF Boiler, CFBC Boiler and other Coal fired Boilers; exceptional ability to identify key problems in the power generation systems and generate creative solutions to resolve the problems without affecting the utility of the machines. Possess demonstrated expertise to efficiently manage the export projects in various countries such as Morocco, Honduras, Vietnam, Turkey, Jordan and Guatemala. Recognized for the strong adherence to quality of workmanship and safety while working on Power Generation Plants and allied electrical installations; ability to work as a team member & leader and exceptional work ethics; proven technical, interpersonal communication and training skills. In pursuit of new endeavors, to utilize the acquired skill and competencies gained over the years.

AREAS OF EXPERTISE

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|-------------------------------------|--|--------------------------------|
| ✓ Power Plant Operations | ✓ Alkali Boil out | ✓ Team Leadership & Management |
| ✓ Turbines and Boilers | ✓ Acid Cleaning of Boilers and Auxiliaries | ✓ DM plant and RO Plant |
| ✓ Commissioning & Maintenance | ✓ Passivation | ✓ Condensate Handling Unit |
| ✓ After Sales Service | ✓ Steam Blowing | ✓ MIS Report Preparation |
| ✓ Stabilization of Normal Operation | ✓ Safety Valve Setting | ✓ Cost optimization |
| ✓ Shutdown Inspection | ✓ Modification of Equipments | ✓ Renovation of power plant |
| ✓ Refractory Dry Out | ✓ De-Commissioning of old plants | ✓ Business Development |

PROFESSIONAL SYNOPSIS

- Possess extensive experience and expertise regarding the operation, maintenance, commissioning and troubleshooting of boiler types: PF, CFBC, AFBC, TG, WHRB and OIL & GAS.
- Proven experience in Operation, maintenance and commissioning of CFBC Boilers from 50 to 425 tph (Isgec make), PF boilers of 80 TPH Walchandnagar, + 140 TPH BHEL, + 165 TPH BHEL & FBC boilers of 80 TPH BHEL, co-gen #1 of 5.6 MW, + 31.4 MW BHEL & Cogen #2 of 6 MW, + 35 MW BHEL and 6 MW Siemens back pressure turbine, PF Boilers of 2x320 TPH and 2X80 MW turbines BHEL make.
- Demonstrated expertise in providing after sales service by fulfilling the needs and demands of the customers in order to make sure that customers are fully satisfied with the products and services of the organization.
- Comfortable in working with people of all levels and having an excellent customer oriented approach while solving problems; also skilled in analyzing processes, identifying areas of improvement and re-designing processes for improving performance.
- Efficient team leader & player with excellent organization, communication, presentation and interpersonal skills; capable of resolving multiple & complex issues and motivating teams to peak performance.
- Visionary and decisive leader and entrepreneur, noted for sound, practical management style and excellent organization skills, who is capable of leading various productivity and quality improvement initiatives like TPM, WCM, Quality Circle, QMS, Six Sigma, 5-S, EMS & ISO.

EXPERIENCE SUMMARY

**M/s S.S. Engineering, Ghaziabad, UP, India
As a Director Feb 2018 – till now**

Key Responsibilities:

- Working as a Director of Company deals in Power plant commissioning operations, maintenance, troubleshooting, retrofit and Modification with training facilities, also doing business development for these services.
- For Power plants Cost control, plant performance management, planning and maintenance, spares management and coordination with Clients. are key responsibilities.
- Looking after all power plant activities and heading with expertise in all functions like mechanical, electrical and instrumentation of Power plant & BOP
- Actively participated with my team in commissioning of units and handled the activities of alkali boil out, acid cleaning, passivation, steam blowing and safety valve setting.
- Detailed the employees and supervised employees in performing the commissioning, operation, maintenance and troubleshooting of boiler, turbine & all auxiliaries.

- Coordination with grid for maintaining power generation, operation and maintenance of fuel handling plant, ash plant, chemical lab & DM plant.
- Reviewed Pre-commissioning & Commissioning Procedure for Turbine Units, Boiler and allied utilities.
- Rendered Technical Services and assistance to commissioning, operations, maintenance, retrofit and modification.
- Carried out the monitoring of project performance in line with commissioning, operation and maintenance activities.
- Extended technical support for seamless integration of turbine and boiler into the existing system facilities.
- Prepared procedures for the commissioning, Operation and Maintenance of systems and coordinated with clients to witness the testing and evaluation of the project.
- Ensured that proper approved documents are in place prior to start of Testing and Commissioning activities.
- Managed the Testing and Commissioning process, reviewed testing plans, directed and documented performance testing and ensured the completion of the works.

Key Projects:

1. Shri Lakshmi Cotsyn Limited, Khaga, Fatehpur (UP) 1X12 MW power plant with 45 tph AFBC Boiler
2. BLA Power Pvt Ltd. Gadarwara (MP) 2X 45 MW power plant with 190 tph CFBC Boiler.
3. Shri Lakshmi Cotsyn Limited, Abhaypur, Fatehpur (UP) 1X12 MW power plant with 45 tph AFBC Boiler
4. Bajaj Energy Limited, Khamabarkhera, Lakhimpur (UP) 2X 45 MW power plant with 190 tph CFBC Boiler.
5. Roquette Riddhi Siddhi Pvt Ltd. Pant Nagar, (UK) 30 and 20 tph process AFBC Boiler
6. Jindal Pipes Ltd. Ghaziabad (UP) 1X 5 MW power plant with 25 tph AFBC Boiler
7. NS Papers Ltd, Muzaffarnagar (UP) 1X12 MW power plant with 50 tph AFBC Boiler
8. Kohinoor Steels and Power Ltd, (Jharkhand) 10 MW power plant with 45 tph AFBC Boiler
9. Ginni International Ltd (Rajasthan) 1x 13 tph TG Boiler and 1x 8 tph AFBC Boiler
10. Piccadilly Agro Industries Ltd, (Haryana), 2x35 tph and 1x45 tph DG Boiler
11. The Kisan Sahkari Chini Mills Ltd. Satha, Aligarh, (UP) 2x20 tph fixed grate Boilers

As a Director – Technical Associated with following companies:-

1. N.S. Energy Group, Ghaziabad, UP
2. S.R. Turbo Energy Pvt Ltd Ghaziabad, UP
3. BNK Power Solutions Pvt Ltd. Lucknow, UP

As a Business Head Associated with

1. ATS Techno Pvt Ltd, Ahmedabad, Gujrat from 23-4-2018 to 30-9-2018.

As a station head associated with Isgec Heavy Engineering Ltd Operation and Maintenance Team from 6-12-2018 to 8-3-2019

2. Nirma Limited, Bhavnagar, Gujrat for 82 MW Power plant

As a Power Plant Consultant Associated with

3. Integrated Casetech Consultants Pvt. Ltd. Noida From 1-7-2019 till now.

M/s Gallantt Ispat Limited, Gorakhpur, UP, India
General Manager – Power plant 55MW Nov 2017 – Feb 2018

Key Responsibilities:

- Working as a Power plant head with Gallantt Ispat Ltd., Gorakhpur, handled the commissioning operations and maintenance of 55 MW turbine (18+25+12.5) units and boilers of 230 TPH steaming capacities (40 tph AFBC+2X40 TPH WHRB+110 TPH CFBC).
- Cost control, plant performance management, planning and maintenance, spares management and coordination with other plants like DRI, SMS, MRSS e.t.c. are key responsibilities.
- Looking after all power plant activities and heading all functions like mechanical, electrical and instrumentation of Power plant & BOP
- Actively participated in commissioning of these two units and handled the activities of alkali boil out, acid cleaning, passivation, steam blowing and safety valve setting.
- Detailed the employees and supervised employees in performing the commissioning, operation and maintenance of boiler, turbine & all auxiliaries.
- Coordinated with grid for maintaining power generation, operation and maintenance of coal plant, ash plant, chemical lab & DM plant.
- Reviewed Pre-commissioning & Commissioning Procedure for Turbine Units, Boiler and allied utilities.
- Rendered Technical Services and assistance to commissioning, operations and maintenance
- Carried out the monitoring of project performance in line with commissioning, operation and maintenance activities.
- Extended technical support for seamless integration of turbine and boiler into the existing system facilities.
- Prepared procedures for the commissioning, Operation and Maintenance of systems and coordinated with clients to witness the testing and evaluation of the project.
- Ensured that proper approved documents are in place prior to start of Testing and Commissioning activities.
- Managed the Testing and Commissioning process, reviewed testing plans, directed and documented performance testing and ensured the completion of the works.
- Successfully commissioned and established operation of power plant
- Prepared and submitted Management Information System (MIS) reports to appraise the top management about the day to day activities.

Key Projects:

55 MW Power Plant (18+25+12.5) units and boilers of 230 TPH steaming capacities (40 tph AFBC+2X40 TPH WHRB+110 TPH CFBC).

ISGEC Heavy Engineering Limited, Noida, India

Senior Manager – Commissioning, After Sales, Operation & Maintenance: Nov 2011 – Nov 2017

Key Responsibilities:

Commissioning, Operation & Maintenance:

- Leading a team of employees and executing the commissioning stages of the project on behalf of the Isgec.
- Performing site visits and coordinating with site team for commissioning activities and stabilization of normal operation along with documentation regarding commissioning, operation and maintenance.
- Finalizing necessary documentation regarding commissioning, operation and maintenance.
- Attending meetings, preparing reports and making presentations to top management and clients about the details of the project
- Coordinating the work of engineers and subordinate staff and working effectively with other executives and departmental managers to ensure effective completion of commissioning and stabilization activities and achievement of departmental objectives and targets.

After Sales:

- Providing after sales services to those sites which are handed over to client and to other manufacturers of boilers for shutdown inspection, retrofit and maintenance.
- Meeting clients in the market to book service orders, outstanding payment collection, there by achieving sales & collection budget month after month
- Looking after export projects in Morocco, Honduras, Vietnam, turkey, Jordan and Guatemala.

Significant Achievement:

- Possess extensive experience and expertise regarding the operation, maintenance and commissioning of boiler type: PF, CFBC, AFBC, TG, WHRB and OIL & GAS and this helped to perform more effectively in the functional areas.

Key CFBC Projects Commissioned:

- **BLA Power**, Gadarwara, 1X190 TPH CFBC Boiler with 1X45 MW Siemens Turbine
- **MSP steel & Power Ltd.** 1X135 TPH CFBC Boiler and 1X35 MW Turbine
- **OCL India Ltd.** 2X125 TPH CFBC Boiler 2X 25 MW turbine
- **Grasim- Harihar** 2X100 TPH CFBC Boiler and 2X25 MW BHEL Turbine
- **Bhushan Energy Ltd. Angul** 4X250 TPH CFBC Boiler and 2X150 MW turbine
- **ABCIL, Rehla**, 1X150 tph CFBC Boiler with 30 MW BHEL turbine
- **BEL, Angul** 2x425 tph CFBC Boiler and 2x 165 MW Siemens turbine
- **Super Smelter** 1X110 tph and 25 MW Siemens Turbine
- **Bharathi Cement** 1X 130 tph CFBC Boiler with 30 MW turbine
- **UPL** 1X150 TPH CFBC Boiler
- **HMEL Bathinda** 2x300 TPH CFBC Boiler
- **Swastik Power, Korba** 1x105 TPH CFBC Boiler with 25 MW turbine
- **Siddhi Vinayak Cement.** 1x150 TPH CFBC Boiler and 35 MW turbine
- **Bhubaneswar power, Cuttack**, 2X275 TPH Boiler
- **BIJAO, HONDURAS** 2X 142 TPH CFBC Boiler and 35 MW Turbine,
- **Emami cement**, 1X 130 tph CFBC Boiler with 30 MW turbine,
- **Rashmi Metaliks** 1x100 TPH CFBC Boiler with 25 MW turbine
- **Welspun** 2X74 TPH CFBC Boiler, SIPM 1x50 TPH CFBC Boiler
- **Spectrum Power** 1x215 TPH Boiler and 1X50 MW Turbine
- **DCM Shriram** 1X300 tph CFBC Boiler
- **BLA Power-2** 1X190 TPH CFBC Boiler with 1X45 MW Siemens Turbine
- **Casablanca Morocco** 1X100 TPH CFBC Boiler
- **MCM Jordan** 1X150 TPH CFBC Boiler
- **Gallant Ispat** 1x100 TPH CFBC Boiler
- **Nirma Limited** 1X410 TPH CFBC Boiler

Key OIL & GAS Projects commissioned:

- **BORL Bina, GAIL Pata, BPCL Kochchi.**

Key TG projects Commissioned:

- **NSL sugar, Gulbarga, HPCL Lauria, Dharani Sugar. White Nile Sugar, Sudan, Saswad Mali sugar, DSM Rajpura.**

Thermax Limited, Pune, India

Asst. Manager - Commissioning: Nov 2010 – Nov 2011

Key Responsibilities:

- Actively coordinated and executed all the activities pertaining to the commissioning and operation stabilization of boilers, turbines & BOPS in the capacity of site head.

Key projects commissioned:

- SAPL, Lonand, Satara, BFG Boiler & Siemens Turbine.
- BECL, Gumudipoondy, Chennai, WHRB Boilers & Siemens Turbine.
- KIC Metallic, Durgapur, BFG Boiler & Siemens Turbine.
- Kudos Chemie Ltd. Chandigarh, AFBC Boiler & Triwani Turbine.

Dariba Zinc Plant, Udaipur, India

Shift In-charge: Commissioning, Operation and Maintenance: Jun2010 – Oct 2010

Key Responsibilities:

- Worked as a Site Shift In-charge with Hindustan Zinc Ltd. of Vedanta Group, Dariba on the payrolls of Wartsila India Ltd., handled the commissioning operations and maintenance of 2x80 MW turbine units and boiler of 2x320 TPH BHEL make.
- Actively participated in commissioning of these two units and handled the activities of alkali boil out, acid cleaning, passivation, steam blowing and safety valve setting.
- Detailed the employees in shifts and supervised employees in performing the commissioning, operation and maintenance of boiler, turbine & all auxiliaries.
- Coordinated with grid for maintaining power generation, operation of coal plant, ash plant, chemical lab & DM plant.
- Reviewed Pre-commissioning & Commissioning Procedure for Turbine Units, Boiler and allied utilities.
- Rendered Technical Services and assistance to commissioning, operations and maintenance
- Carried out the monitoring of project performance in line with commissioning, operation and maintenance activities.
- Extended technical support for seamless integration of turbine and boiler into the existing system facilities.
- Prepared procedures for the commissioning, Operation and Maintenance of systems and coordinated with clients to witness the testing and evaluation of the project.
- Ensured that proper approved documents are in place prior to start of Testing and Commissioning activities.
- Managed the Testing and Commissioning process, reviewed testing plans, directed and documented performance testing and ensured the completion of the works.
- Successfully commissioned and established operation of power plant
- Prepared and submitted Management Information System (MIS) reports to appraise the top management about the day to day activities.

Key Projects:

- **2x80 MW turbine units and boilers of 2x320 TPH BHEL make**

Hindalco Industries Limited, Renukoot, Sonebhadra, India Shift Incharge – Operation, maintenance and Commissioning: Nov 1995 - Jun2010

Key Responsibilities:

- Led a team of shift supervisors and technicians and managed the satisfactory operation of boiler & co-generation, a sub-division of Renupower, as a shift in-charge.
- Actively participated in erection, commissioning, operations and maintenance of both Co-Gen plants.
- Supervised the employees performing the operation of ash plant, DM plant, coal plant, compressor, VAM, and condensate handling unit.
- Coordinated with alumina refinery for the uninterrupted supply of process steam & condensate.
- Provided technical direction and on the job training to the technicians regarding the operation and maintenance of boiler & co-generation plants.

Key Contributions:

- Hands on experience on PF boilers of 80 TPH Walchandnagar + 140 TPH BHEL+ 165 TPH BHEL & FBC boiler of 80 TPH BHEL co-gen #1 of 5.6 MW + 31.4 MW BHEL & Cogen #2 of 6 MW + 35 MW BHEL & 6 MW Siemens back pressure turbine helped to accomplish an excellent performance.
- In addition to the normal duties as a Shift In charge, efficiently coordinated the activities and ensured smooth functioning of TPM, WCM, Quality Circle, Six Sigma, 5-S, EMS & ISO.
- Functioned as group leader of rotary equipments autonomous maintenance group & as Dy. Facilitator of Quality Circle named Sangharsh.

Professional Accolades:

- Initiated various Kaizen activities in the plant & also organized various activities under the auspices of W.C.M. Club in Hindalco, as its active member.
- Won 3 awards during the inter unit Kaizen presentation competition of Aditya Birla Group
- Secured Qualtech prize 07, for the successful execution of the project of low vacuum in 31.4 MW turbines.
- Won Qualtech prize 08 for executing the project of gland steam venting from 5.6 MW back pressure turbine.
- Secured the 1st prize in 7th supervisory skill competitions held at Kolkata during 4th & 5th December, 2016

SIGNIFICANT INNOVATIONS

- Successfully developed and implemented modifications to minimize oil consumption in boilers during lit up & soot blowing
- Improved a device for reusing turbine oil after recycling it through centrifuge pump
- Improved vacuum of turbine through incorporation of kaizens suggestions.
- Devised and implemented simple machineries for the recycle of waste water
- Successfully executed ash utilization projects
- Introduced various measures to increase plant efficiency by developing a modification for reducing unburnt carbon
- Installed additional gsc and saved aux steam by 2%

- Minimized the problem pertaining to the reduction of high pressure steam by increasing extractions of low pressure steam from turbine
- Successfully commissioned 2x80 mw units at Dariba zinc complex
- Played a leading role for the commissioning of CFBC boilers with minimum oil consumption by using coal or main fuel in steam blowing.
- Generated complete documentation and protocol format for commissioning activities.

CREDENTIALS

Education

- **B. Tech (Mechanical engineering)** - JRN Rajasthan Vidyapeeth University - 2010
- **PGDMM (MBA)** - Marketing management - AIMA, Delhi - 1997
- **BSc (Physics, Maths)** - Purvanchal University – Jaunpur – 1994
- **LRQA Certification as Internal QMS Auditor for ISO 9001-2015**

E-learning

- Undergone short term courses conducted by ABG Gyanodaya Institute Of Management Learning:
 - Electrical equipments AC & DC motors
 - Creativity & innovation at workplace
 - Pumps- centrifugal pump - basics & troubleshooting
 - Foundation of effective thinking
 - Six sigma: introduction
 - Six sigma: listening to the voice of the customer
 - Managing cultural divides
 - Six sigma: reducing variation to improve quality
 - Major time management challenge
 - Gear maintenance & overhaul
 - Compressor operation & maintenance

Computer Skills

- Oracle, Maximo , ERP, BAAN & Worktop.

Training

- Speech craft training program- Indian Jaycees. Renukoot.
- Customer satisfaction orientation program - Hindalco.
- Work shop on problem solving and effective decision making - HRDC New Delhi.
- CAP Certificate program - CMC Ltd, Renukoot Centre.
- Chairman & parliamentary procedure training - Indian Jaycees. Gorakhpur
- Training program on new 7 QC tools - QCFI
- Commissioning engineers training program – ISGEC, Heavy Engineering Ltd., Noida
- Training program on managerial effectiveness – ISGEC, Noida.
- Training program on motivation, planning & delivering result – ISGEC, Noida

Community Activities

- Held the portfolio as Vice President of JCI, Renukoot Chapter

PERSONAL PARTICULARS

- **Date of Birth** : 01-06-1975
- **Languages Known** : Hindi, English
- **Nationality** : Indian
- **Passport No** : **R9669245**
- **Alternate Address** : House No. 326, Behind: Radha Krishna Temple,
Murdhawa,
Renukoot, Sonebhadra (U.P.)
Pin 231217
- **Last Drawn CTC** : 25 Lacs/annum
- **Expected CTC** : Negotiable