**RESUME**

**RAKESH KUMAR CHOUDHARY** ADD:Flat –503, Block – G,

Mob: +91 7702987650, 7382299650 Comfort Homes, Prushottampuram

**Email:** imrkc31@gmail.com Vishakapatnam (A.P) 530051

Seeking **middle level assignments** with an organisation of high repute, preferably in energy sector**.**

**SUMMARY**

* A **Mechanical Engineer**, with 12 **years** of experience in Commissioning & Operations Engineering of Mechanical systems for Power Sector. Also having green field thermal power plant project experience.
* Presently associated with **Sarda Metals & Alloys Limited** as an **Asst. Manager - Power Plant 80 MW PF Fired boiler (Operation)** in Thermal Power Plant, Kothavalsa Vizayanagaram District, Andhra Pradesh.
* Adept in commissioning and operation of boiler, turbine, generator and its auxiliaries.
* Possess knowledge of **ISO 9001:2015 Quality system, EMS 14001:2015, OHSMS 45001:2018**
* An effective communicator with good analytical ability, problem solving, planning & people management skills.

**CORE COMPETENCIES**

**Project Planning & Coordination:**

* Managing activities right from the conceptualisation stage to the execution; involving finalisation of technical specifications, procurement, scheduling, progress monitoring, vendor development, site management, manpower planning, etc.
* Establishing project review, monitoring and status reporting procedures to accurately report progress of the project; resource planning & work scheduling to achieve effective manpower deployment of qualified workforce.
* Preparing various document (log book, Mis report) as per the requirement of regulator and devising required commercial mechanism with stakeholders.
* Also knowledge of SAP project system module and AutoCAD.
* Erection and commissioning of 30 MW AFBC as well as 80 MW PF fired power plant At **Sarda Energy and minerals Ltd & Sarda Metals & Alloys Ltd.**

**Operations & Maintenance:**

* Preparation of SOP for boiler light up hot as well as cold, vacuum pulling and SOP for various equipment.
* Responsible for complete operation of Boiler & Turbine and Its Aux. during shift and will have to operate plant through DCS system – Ensure trouble free operation during shift Keeping records of all parameters in log book – During routine operation, taking care of equipment change over – Ensuring the smooth functioning of Boiler & Turbine as well as Its Aux. Plant during shift.
* Calculating SSC, Heat Rate, Efficiency of boiler & turbine.
* Implement & maintained record of LOTO system and various online & offline maintenance activities.
* Preparation of documents required for upgradation of ISO 9001:2008 version to 2015 version.
* Implementing the preventive maintenance schedules for improving the overall reliability and safety of plant equipment & machinery.
* Analyzing tripping of unit & recommendation to avoid repetitive tripping.

**Process Enhancement:**

* Planning, implementing & monitoring of technological changes to enhance productivity.
* Modifying equipment, process flow, working practices, consumables, power, etc. for controlling & reducing conversion cost per unit produced.
* Maintaining quality standards, ensuring stringent adherence to quality standards, norms & practices, identifying gaps & taking corrective action.

**Team Management:**

* Monitoring, training & motivating the manpower for accomplishing the desired objective.
* Providing direction, motivation & training to team for ensuring optimum performance.

**ORGANIZATIONAL EXPERIENCE**

**SARDA METALS & ALLOYS LTD Asst. Manager (Project, O & M) Since April’2010**

**Vizag to Till date**

**SARDA METALS & ALLOYS LTD**

**Sarda Metals & Alloy ltd** is a subsidiary of SARDA group, installing a 3 X 80 MW Power Plant with 309 TPH boiler & Ferro alloy plant of capacity 6 X 33 MVA in Vizag, 309 TPH PF boiler supplied by M/s. ENMAS GB POWER SYSTEM PROJECTS LTD. 80 MW Turbo generator supplied by M/s. Siemens Ltd and 241 TPH Air cooled condenser supplied by M/s. GEI Industrial System Ltd.

**Technical skill**

* Handling the shift operation activities of **Boiler & Turbine** and the associated auxiliaries through DCS.
* Deft in handling on - site evaluation for Thermal Power Plant; installing, commissioning & testing of heavy machineries. Adept at resolving technical issues through root cause analysis and providing technical support.
* Experience in managing various operations as per the set parameters & standards as well as experience of developing procedures for operational excellence.
* Handled the Erection & commissioning activities
* Excellent communication, people management and team management skills that have been honed through managing cross-cultural teams.

**Responsibility**

* Managing shift operations of 80 MW Unit through DCS; Normal Plant Operation & maintenance, Boiler light up & shut down in sequence & Cold start up, Warm start up and hot start up of turbine rolling.
* Implementation of LOTO system
* Calculating SSC, Heat Rate, Efficiency of boiler & turbine.
* Maintaining & Reviewing the shift log sheet, and discuses with operation manager if any abnormality observed in parameter.
* Ensure check-up of drives as per schedule & make available each drives for preventative maintenance (Turbine and its auxiliary, Boiler and its auxiliary).
* Ensure CHP and AHP is running properly.
* Posting Generation consumption of Fuel, BOM, DM Water, Steam and Power in SAP.

**Commissioning Engineer** of power plant has responsibility to involved activities like:

* Hydraulic test of Boiler, Alkali Boil out, Steam Blowing, Vacuum Pulling, Turbine Rolling, DP Test, Air leak test
* Technical specification, Ensuring of boiler, turbine piping and instrument as per P & ID’s
* Commissioning of Boiler & Turbine through field & DCS so to get successfully commissioning of plant.
* Successfully completed of turbine oil flushing.
* Erection of Dry Bottom ash Dry Fly ash handling system
* Attending field operations during emergencies
* Maintained Protocols for each activity.
* Synchronized the turbine rolling to grid.

**Achievements**

* Inspection and Hydro test of High Pressure part of Boiler
* Delivered a power point presentation on working & inspections carried out for Air cool steam condenser ,309 TPH Boiler and NDT testing
* Performed activities in the Local (Boiler & Turbine) side during emergency situation like Black out Condition.
* Successfully managed the Unit during emergency conditions arise due to tripping of Boiler Drives, HT Motors or Malfunctioning of Valves due to any external reasons.

**SARDA ENERGY & MINERALS LTD. Engineer (Project) From Jan’2008**

**Raipur March 2010**

**SARDA ENERGY & MINERALS LTD**

**Sarda Energy & Minerals Limited** is an India-based company. The Company operates in two business segments: Steel and Electricity. Its Steel segment is engaged in manufacturing steel intermediate products, such as sponge iron and ferro alloys, and finished long steel products, including billets, wire rods and mild steel wires

**Responsibility**

* Erection and commissioning of turbine building and Turbine Auxiliaries.
* Erection and commissioning of 0.6 MTPA pellet plant with travelling grate and annular cooler.
* Erection and commissioning of Truck tippler.

**Achievements**

* 30 MW power plant running successfully.
* Truck tippler successfully commissioned.
* Implemented SAP PS module as core team member.

**M/s. SIMPLEX ENGG & FOUNDRY WORKS PVT LTD. Trainee From Aug’2006**

**Bhilai Sep 2007**

**M/s. SIMPLEX ENGINEERING & FOUNDRY WORKS PVT LTD**

**M/s Simplex Engineering and Foundry works Pvt ltd** is an ISO 9001 – 2000 certified manufacturer and export unit of Simplex group of 5 Plants, Bhilai having an annual turnover of 300 Crores with 65% exports.

**Responsibility**

* To understand the available drg and find out the material requirement.
* To make a schedule for machining of material in machine shop.
* To prepare the final product within specified period.
* To take the responsibility of work allot to me.
* We supply 10 Nos. BOBSON wagon for Bhilai steel plant, Backup Roll lifting Tackle, Catline Sheave for BHEL, Main base & Magnet Frame for Railways.

**Achievements**

* All work allotted to me completed on time and delivered the same without fail.

**EDUCATIONAL QUALIFICATION**

|  |  |  |  |
| --- | --- | --- | --- |
| **Academic Profile** | **Year of Passing** | **Collage / University** | **Percentage (%)** |
| B. E. (Mechanical) | 2006 | S.S.C.E.T Bhilai /Pt. R.S.S. University | 67.84% |
| Diploma (Mechanical) | 2003 | Govt. Poly Korba (C.G) / R.G.P.V. Bhopal (M.P) | 68.74 % |
| H.S.C. (XIIth) | 2000 | M.P. Board Bhopal. | * 1. % |
| S.S.C(Xth) | 1998 | M.P. Board Bhopal. | 72.20 % |

**IT SKILLS**

|  |  |  |
| --- | --- | --- |
| Software Knowledge | : | Auto-Cad, M.S.Office & SAP (PS & PP). |
| Operating System | : | Window 98, XP Professional |

**PERSONAL DETAILS**

Father’s Name : Shri Rajendra Choudhary

Date of Birth : 31st December 1982.

Passport : M1135514

Sex : Male

Religion : Hindu

Marital status : Married

Language Known : English & Hindi

Permanent Address : Rakesh Kumar Choudhary C/o. Ravindra Singh

Qr. No. 7/h, St – N.P.A. Sec – 11, zone – 2

Khursipar Bhilai Dist – Durg Chhattisgarh – 490011

I hope that my Qualification and technical skills would meet your requirement and I would be provided to serve your prestigious.

Date:

Place: *(RAKESH KUMAR CHOUDHARY)*