

CHETAN SINHA

Present Address:

Field Hostel Complex
Korba West Power Company
Limited , Village – Chhote
Bhandar , P.O – Bade
Bhandar , Tehsil – Pussore ,
Distt. – Raigarh ,
Chhattisgarh , Pin - 496100

Permanent Address:

LalBagh Aamaguda , Lalbhadur
Sastri Ward No. – 8 , in Front of
Sodhi Petrol Pump , Jagdalpur ,
Chhattisgarh ,
Pin - 494001

(Mob): 9993329197 , 7583888353

Email: chetansinha12@gmail.com

Objective:

Looking for long-term relationship with an organization, which gives ample opportunities to learn and excel in technology areas as well as utilize my potential to the maximum extent and work for the benefit of my company . I have experience in Mechanical works execution of Energy Projects specifically power plant

WORKING EXPERIENCE- 6.5 + years

- **Current Employer : Avantha Power and Infra. Limited since September 2011.**
- **Designation : Assistant Manager - Mechanical**
- **Department : Operation**
- **Name of Project: 1x600 MW Korba west power company Raigarh, Chhattisgarh.**
- **Current CTC – 6.67 lacs/Annum .**

JOB PROFILE:

As a Erection Engineer –

- To review drawings in advance for Erection Planning & smooth work execution.
- Involved in Boiler auxiliary erection like E.S.P & Rotary parts (FD Fan , ID Fan , PA Fan , A.P.H& Mills) .
- Planning, monitoring & controlling all site activities including manpower planning, resource planning & material planning for the systems/sub systems assigned by the Site-in-charge.
- Conducting tool box meeting on daily basis to providing the safe working condition in working areas.
- Continuously monitor the work progress as per the approved construction/erection schedule
- Coordinating & supervision of work of various contractors associated with his scope of work.
- I have knowledge about NDT procedure like DPT , UT , RT .
- Knowledge of Power Plant welding methods , IBR & Non IBR codes .
- Ground inspection ,fit up clearance, welding check & Hydro test, Steam Boiling procedure .

- Laying of Power Cycle piping as per isometric drawing Knowledge of IBR & Non IBR piping
- Knowledge of industry codes and practices, work permit system, Lock out / Tag out etc.

As a Commissioning Engineer –

- Involve in boiler & auxiliary commissioning like acid cleaning & lube oil flushing of rotary area like FD Fan , ID Fan , PA Fan , A.P.H , & Mills as per the commissioning procedure .
- Trail run of all FD Fan , ID Fan , PA Fan , A.P.H , & Mills which involve motor no load trail, Fans trail, Mill trail , Mill ring roll setting & preparation of all log sheet & commissioning Report .
- E.S.P air leakage test , GD Test , Furnace air tightness test as per the commissioning procedure .
- BCW pump commissioning as per the commissioning procedure .
- Commissioning of process engineering systems such as water / steam, air / flue gas, ignition oil burners, mills, soot blowers, ash removal,
- Pre Commissioning activities like flushing, barring gear, and trial operations. turbine, generator , Boiler feed pump(MDBFP,TDBFP) .
- Preparation of implementation rules for commissioning
- Cold function samples; Warm start-up; Process engineering commissioning and Control, coordination and monitoring of processes .
- Commissioning of Flue Gas Desulphurisation equipment installation and commissioning .

As a Maintenance Engineer –

- .Knowledge on the maintenance of Fans Like PA fan , FD fan & ID fan .
- Knowledge on the maintenance of MILLS , Compressor , Blower .
- Knowledge on the maintenance of ESP & Pump .
- Knowledge on pipe line maintenance .

POSITION ACCOUNTABILITIES

- Identify potential hazards and participate in Job safety analysis for all the high risk activities related to regular maintenance, planned shutdown and emergency maintenance, conduct tool box talk .
- Ensure process and utility is maintained in a manner that minimizes spurious trips and shut downs.
- Assist maintenance head for budget preparation and cost reduction by best utilization of resources and services
- Keeps equipment operating by following operating instructions; troubleshooting breakdowns; maintaining supplies, performing preventive maintenance;
- Knowledge of industry codes and practices, work permit system, Lock out / Tag out etc.
- Plan and perform preventive and corrective maintenance of equipments / machines •
- Routine checking of equipments / machines for proper functioning •
- Plan and manage spare part availability for immediate attention to any breakdown •
- Carry out routine scheduled maintenance work and responding to equipment faults •
- Carry out quality inspections and review of previous day work •
- Organize routine servicing schedules Responding immediately to machinery breakdowns •
- Responsible for trouble shooting & diagnosing breakdown problems •

- Monitoring and controlling maintenance costs & Coordination with other departments for smooth operations
- Maintain Records and equipment manuals as per guidelines
- Problem Diagnosing and Resolution Ability .
- Knowledge on Statutory Compliances. Orientation towards QHSE

As a Operation Engineer -

- To ensure the reliable operation of the unit by managing the control desk as per operations systems and SOPs.
- To ensure the availability of major standby equipment by following proper trial schedule.
- To attend to emergencies like system failure, load throw, station black-out etc.
- To monitor the systems & operational parameters of the unit.
- To ensure adherence to the safety, environment, other statutory norms and safety of the people and unit through PTW system & strict compliance of SOPs.
- To possess the knowledge of Protection Systems of Electrical Power System, Governing Systems of Turbine, Logics, and DCS.
- Safe startup & shutdown of unit
- Maintain Records and equipment manuals as per guidelines
- Problem Diagnosing and Resolution Ability .
- Knowledge on Statutory Compliances. Orientation towards QHSE .

Milestone Achieved

- Boiler light up .
- Boiler Hydro Test .
- Chemical Cleaning .
- Steam blowing
- Synchronization .
- Safety valve floating
- Full load operation up to 600 MW .
- PG test of BTG Package

Academic Qualification:

Course	Institution	Board /University	Year of Completion	Aggregate
B.E. (Mech)	Shri Shankracharya College of Engg & Tech Bhilai	Chhattisgarh Swami Vivekanand Technical University	2011	75.78
12 th Board	Bal vihar H. sec. school , jagdalpur	State Board	2007	83.82
10 th Board	Bal vihar H. sec. school , jagdalpur	State Board	2005	85.86

Computer Skills:

Basics	MS Office , SAP system , Solid Edge Designing
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Areas of Interest:

- Boiler commissioning .
- Power Plant Engineering .

Training, Certification & Seminars Attended:

- Six month Power Plant training & 500 MW simulator training at **NPTI , Faridabad .**
- Two month on job training at **NTPC , DADRI .**
- Completed One-month Industrial Training from **Bhilai Steel Plant .**
- **BOE** certificate from Chhattisgarh state 2016 .

Personal Skills:

Good presentation skills & analytical skills with the ability to provide solutions to issues
Self motivated with sound interpersonal skills coupled with a confident style of behavior
Good communication skills when dealing with project staff and potentially the client .

- Hard working nature.
- Creativity & Innovation
- Decision making
- Diversity & ethical behavior.
- Good communication skills
- Team Working
- Customer Service
- Interpersonal Skills
- Time Management

Personal Profile

- Date of Birth : 12/11/1989
- Gender : Male
- Father name : Shri Rajendra sinha
- Mother tongue : Hindi
- Nationality : Indian
- Marital Status : Single
- Languages : English ,Hindi
- Hobbies : photography

I hereby declare that the above information's are true to best of my knowledge.

PLACE: Raigarh

(Chetan sinha)