**SATYAM**

**Contact No.:**  +91 9955895657 ~ **E-Mail:** satyamsingh.mech@gmail.com



**Aspiring for challenging assignments in Maintenance & Operations of Thermal Power Plant sector**

**Professional Profile**



* A goal-driven professional with 7.4 **years** of extensive experience in managing **Plant Maintenance Operations.**
* Presently associated with **Indwell Constructions Pvt. Ltd., TATA POWER(2\*525MW) Under MAITHON POWER LIMITED, (Dhanbad) , Jharkhand.**
* Demonstrated excellence in initiating, implementing, and managing the plant maintenance program based on best practices in the industry, with an emphasis on planning/scheduling and preventive/predictive maintenance.
* Extensive experience in mechanical maintenance in Boiler and Auxiliaries like Bowl Mills of XRP 1003 ,boiler maintenance and major AOH, axial & radial fans and pumps.
* Experienced in preparing MIS reports, analyzing data & making recommendations for improving plant operations and solving maintenance-related problems.
* In-depth knowledge about maintaining and enforcing the safety program for the Maintenance Department; reviewing safety records to uphold standards of maximum safety for all Maintenance Technicians.
* An excellent communicator with strong organizational, analytical and problem solving skills.

**Career Scan**



**Serving Since SEP 2013 to DEC 2014with Power Mech Projects Ltd.in 2\*525MW At (MAITHON POWER LTD.) As Engineer in (Mechanical Maintenance looking Boiler & Aux.)**

**Key Result Areas**:

* Plant Maintenance
* Breakdown Management
* Spares Planning
* Preventive & Predictive Maintenance
* Safety Management

-Shutdown Planning

* + Initiating and carrying out projects that improve efficiency and/or reduce operating costs; tracking, analyzing and improving key maintenance parameters such as asset utilization, maintenance cost, PM compliance, schedule compliance, etc.
  + Mapping quality improvement plan and managing review meetings for improving quality / productivity / reliability with continual improvement.
  + Reviewing the operation of plant equipment and systems constantly, to minimize unplanned downtime, to anticipate & solve problems in a timely manner and to identify opportunities for improvement.
* **Over hauling of XRP 1003 BOWL MILL LIKE replacement of grinding roll, clamping ring and bull ring segment replacing work, spring and roller setting.**
* **Knowledge of troubleshooting of various type of equipment.**
* **Maintenance of 36 inch gravimetric feeder like replacement of endless belt, replacement of bearings of idlers etc.**
* **Maintenance of screw pumps, boiler fill pump and various LOP SYSTEM FOR FANS AND APH.**
* **Boiler maintenance of single drum forced circulation hanging type semi close Tangential firing PF BOILER OF (1700TPH) SINGLE REHEAT TYPE with Tata power at Maithon.**
* **Trouble shooting of wall blowers and LRSB like pressure setting, poppet valve maintenance, nozzle setting**
* **Knowledge about attending tube leakage of carbon and alloy steel.**
* **Preventive and predictive maintenance depend upon CBM REPORT of equipment.**
* **Maintaining SMP of equipment come under maintenance in boiler & aux.**
* **Maintaining and prepare check list of equipment.**
* **Maintain spare parts for mill, fans, and various pumps.**

**DEC’2014 to DEC’2015 with POWER MECH PROJECTS LIMITED in 2\*300MW (HALDIA ENERGY LIMITED) as Engineer in Mechanical Maintenance looking Mill Reject System.**

* Maintenance of mill reject system such as dome seal and dome valve replacement, replacement of dome v/v shaft, shaft seal,pipe line maintenance etc.
* **Over hauling of XRP 1003 BOWL MILL LIKE replacement of grinding roll, clamping ring and bull ring segment replacing work, spring and roller setting.**
* **Knowledge of troubleshooting of various type of equipment.**
* **Maintenance of 36 inch gravimetric feeder like replacement of endless belt, replacement of bearings of idlers etc.**
* **Maintenance of screw pumps, boiler fill pump and various LOP SYSTEM FOR FANS AND APH.**
* **Preventive and predictive maintenance depend upon CBM REPORT of equipment.**
* **Maintaining SMP of equipment come under maintenance in boiler & aux.**
* **Maintaining and prepare check list of equipment.**
* **Maintain spare parts for mill, fans, and various pumps.**

**Academic Credentials**

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| --- | --- | --- | --- | --- |
| **CLASS** | **YEAR OF PASSING** | **BOARD/ UNIVERSITY** | **INSTITUTE** | **GRADE/PERCENTAGE** |
| B.TECH. (Mechanical Engg.) | 2013 | MEWAR UNIVERSITY | MEWAR UNIVERSITY | 70% |
| XII | 2008 | B.S.E.B. PATNA | J.L COLLEGE HAJIPUR | 60% |
| X | 2006 | B.S.E.B. PATNA | S.B HIGH SCHOOL TRILOK CHAK | 64% |

**IT Skills:** Well versed with **MS Office, Windows Vista/XP AND Windows 8**

**KEY FEATURES**

* **Maintenance of boiler (Pressure parts)and Rotary parts like mills ,fans and pumps.**
* **Planning of Major OH, Preventive Maintenance, Prepare Monthly & Daily Maintenance reports.**
* **Monitor Major Jobs carried out in Plant.**
* **Excellent Leading quality and execution of job in optimize way.**

**PERSONAL DETAILS**

Date of Birth : 06 July 1991

Fathers Name : Sri. Digvijay Narayan Singh

Address : Moh.-Bagdulhan;P.O.-Hajipur;Dist.-Vaishali;State-Bihar(844101)

Languages Known : English, Hindi,

Hobbies : Reading inspiring stories & new technology news & magazines.

**DECLARATION**

I hereby declare that all the information furnished above is true to the best of my knowledge.

Date:..... Signature