**RESUME**

**DhilliRao**

**Mobile:** 9630048048 **E-mail:** [dhilliraog@gmail.com](mailto:dhilliraog@gmail.com)

**Job Objective: -** To learn, grow & excel as Engineering Professional to acquire a position of high responsibility and to perform duties with best result and at the same time acquiring knowledge & skills for further improvements.

Over all **11 years of experience in Maintenance & erection commissioning of Boiler & Auxiliaries and utilities like compressors, pumps in Thermal Power Plant** **with a capacity of 2 X685 MW supercritical plant.**

**Currently associated with:-**

**Company :** **Adani power.**

**Duration :** **OCT 2019 to till date.**

**Role Title :** **Associate Manager-Mechanical**

**Job profile : Mechanical maintenance of** **Boiler its Auxiliaries (fans, mills) & Utilities like Compressors, pumps**

**Previous Employer**

**Company: GMR Energy Ltd**

**Role: Associate manager**

**Job profile: Erection commissioning and Project management of green field power project**

**Key Areas of exposure:**

* Mechanical Maintenance – Periodic, Proactive and shutdown maintenance, Repair & Refurbishment, **Troubleshooting & Analysis (RCA**).
* Maintenance Planning – **Planning shutdown maintenance works, Spares planning, Vendor development** (Indigenization of spares for cost optimization) .**CAPEX budgeting & control, Drafting of Maintenance contracts.**
* Energy management &continual improvement projects
* IMS implementation **–ISO 9001, ISO 14001, OHSAS 18001, EnMS 50001** in Maintenance department.
* Implementation of SAP- PM, MM modules.
* Erection & commissioning of green field power project.
* Statutory compliance management - IBR

**Maintenance**:

* Preparation of Maintenance contracts for different work packages defining scope, KPIs.
* Preparation of **preventive maintenance schedules** with reference from O&M manuals.
* Preparation of Equipment specific task list by studying the O&M manuals of Equipment like Fans, Mills, Pumps etc.
* Troubleshooting of Maintenance problem in refrigerant compressors.
* Maintenance works of HVAC AHU, Split ACs, Fans, Chillers, Pumps, Cooling tower.
* Successful installation of 60RT water cooled condenser in HVAC chillers for capacity augmentation.
* Reviewing the PM schedules and updating the frequency and task list if required.
* Preparation of maintenance strategies for equipment and linking the task list with equipment in SAP.
* Planning the Resources and tools required for overhauling and Breakdown maintenance works.
* Yearly testing of Overhead cranes, pressure vessels and lifting tolls etc.
* Preparation of maintenance reports, overhauling report etc.
* Troubleshooting and analysis - Analysing root cause for failure of equipment and attending the same to prevent re occurrence.
* Material Procurement through SAP-MM module.
* Report generation from SAP-MM.
* Preparation of **Standard maintenance plans and Standard operating procedures**.
* Following permit to work system in SAP-PM module.
* Facilitate Mechanical Contractor management.
* Weekly **monitoring & control of maintenance KPIs** of Mech.
* Support and participate in Audits, Ensure Shutdown duration within Planned.
* Conduct/ review regular performance monitoring and reporting.
* Validate SAP-PM data entry to maintain its integrity and completeness.
* Overview and coordinate with outside agency for completion of job.
* Preparation of Failure modes and effect analysis (FMEA) for avoiding equipment failures.
* Manage execution of CAPEX jobs, Repair & Refurbishment activities.
* Releasing Material and Service PR of Mechanical and their follow up.
* Assist superior in Identifying and carryout proposals for modifications / up-gradations for improvement in plant working on continuous basis in the section.
* Drive Safety, Health & Environment excellence initiatives (DUPONT safety systems)across all respective works to achieve zero fatality and limit LTI within target.

**Energy management**:

* Responsible for daily Performance Monitoring and Efficiency improvement.
* Performance measurements of Boiler efficiency, Turbine Heat rate, & other auxiliaries.
* Performance monitoring and measurements of Cooling Towers.
* Identify **projects for process improvement**, Power optimization. (Modification in Discharge Pipe line of CT make up pumps to Establish Syphon action-Savings 80 Lakhs/Annum).
* Innovative additive (frigitech) addition to compressor oil for reduction in Chiller energy consumption by 25%.
* Modification in Boiler flash tank cooling line to reduce boiler sump pump running hours.

**Erection, commissioning:**

* Overall planning, scheduling, monitoring and management of project including works scheduling, monitoring progress of work to ensure timely completion without any cost and time overrun.
* Schedule & resource finalization.
* Participating in project review meetings for tracking project progress
* Monitoring the requirements of the project site & keeping coordination with site management team for information exchange & required action.
* Coordinating with inter departments like electrical, control and instrumentation etc.
* Monitoring the critical path activities closely for their progress.
* Solving interface issues between various departments in project.
* Responsible for erection and commissioning of Boiler and auxiliaries like fans, mills, pumps etc in Green field power project.
* Responsible for commissioning of utilities like Compressors, Fuel oil pumps etc.
* Assessment of all mechanical equipment drawings, piping isometric drawings and P&ID for 2x685 MW thermal power plant
* Reviewing project scope & finalize WBS, Monitoring & expediting Engineering, commercial and erection activities and timely site-arrival of project material, Controlling of Field Quality Activities, Documents and Drawings, finalizing project mandatory spares, Preparation of Project Review Presentations and self-explanatory Presentations on various technical processes.
* Coordination for all statutory approvals for Boiler like Erection dwg. Approval, Stage wise inspection of construction activities etc. by Boiler inspector.
* **Commissioning activities of Boilers and auxiliaries .start up activities of Boilers**.
* Ensuring 100% safety compliance to ensure LTIFR zero

**Awards:**

* Spot award for Completion of Boiler and auxiliaries’ erection works in record time.
* Continual improvement award for Modifications implemented for reduction of downtime of mills.
* Continual improvement award for innovative Energy saving project which saved

Rs. 800000/annum.

**Skills:**

* **Maintenance planning, Project management**
* **BOE certified.**
* **BEE certified Energy Auditor**
* **SAP (PM,MM)**
* **MS office**

**Professional TRAINING:**

* Undergone 15 days technical training in Doosan ,South Korea
* Undergone 15 days Power plant familiarization training at NTPC, Kaniha Thermal Power Plant, and Orissa in July-2009.

**Educational Qualifications:-**

* PG diploma in Energy and environment Management –AP productivity council(distance mode)
* **B.Tech (Mechanical)** from GMRIT, Srikakulam, Andhra Pradesh with 71% in 2009.

**Personal details:-**

Date of birth : 22-07-1986

Languages Known : Telugu, English, and Hindi.

Hobbies : Playing Cricket & volley ball, Surfing internet, Reading Books.

CTC : 10.7 **LPA**

**Declaration: -** I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.