MAAZ MUKADDAM
B.E ELECTRICAL (Major in Electronics)
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Objective: Being Graduate Electrical Engineer want to acquire a challenging position in my profession order to expose the best of my ability and knowledge to serve the organization I am attached with, want to be part of professional, and incredibly auspicious team to enhance the company's success and reputation In all respect, with hard work, dedication, and by proper utilization of modern technology practically in all the fields, keep organization on heads not only technically but economically too.

AREA OF EXPERTISE

- Design and Supervisory Experience in External and Internal Electrification
- Planning and Scheduling.
- Fault Finding / Problem Solving.
- Leadership / Supervision.
- Workshops Routines.

CAREER BACKGROUND:

1. YAMAHA MOTOR PAKISTAN (PRIVATE) LIMITED (YMPK)
(From 2018 to Present)
(Working as Assistant Manager Plant Engineering)

JOB SUMMARY:

Responsible for managing & reporting every aspect of including plant engineering, operation & maintenance, utilities & related troubleshooting. Prompt response to emergencies, minimize plant downtime, smooth operations, Kaizen & energy cost savingsare major factors of my job.

JOB DESCRIPTION:

- Lead and assist team for schedule preparation, pre-planning for schedule work andmake long term maintenance plan for smooth Operation.
- Prepare project budgets and technical and commercial feasibilities.
- Provide Maintenance updates to Management, develop maintenance KPI's and report KPI's Target vs Actual on monthly and yearly basis
- Reduction in Consumables and Utilities through kaizen.
- Daily operation & maintenance of plant and utilities.
- MV/LV switchgears, Generator, LV/MV panels, VFD, sensors, pumps & motors.
- PLC troubleshooting& programming(**Siemens, LS, Mitsubishi**)
- Installation and Troubleshooting of Inverter(**Schneider, Mitsubishi)**
- Synchronized PLC with system for amendment in program to achieve desired output.

- Installation of HMI (**GOT 1000**) synchronized with plc and Inverter
- Vast experience and knowledge of Boilers, Chillers, RO Plant, ovens, blowers,fork lifter.
- Utilities include Compressors, Waste water treatment plant, SNG plant,Transformers, Fire System.
- Monitor all electrical works at the site including Lighting, , LT Panels, Power & Control cabling, Fire Alarm Systems, Distribution Boards
- Manage daily job orders related to plant engineering in assembly, weld & paint shops(E&I issues).
- Monitoring and control through schedules plan and execute corrective measures.
- Establish close coordination between multiple vendors and contractors to avoid any delays for quick action.
- Leading Utility, Maintenance & Production departments for all relevant projects.
- Responsible for the preparation of detailed 13 month graph analysis of all Utilities,Admin and Production Material every month by coordinating with all the team members.
- Continuous improvement in maintenance activities to set next level targets.
- Complete Knowledge of design drawings, codes and standards.
- Complete Construction work related to new projects(all work including civil also)
- To ensure project compliance with Yamaha Standards and International standards.
- Lead concept and detailed design activities for plant infrastructure, utilities, etc.
- Perform RFQ for consultancy and contractual purposes with the analytical study interms of safety, risk, time, cost & quality.
- Work on Plant Engineering Team Growth and skill enhancement.
- Coordination with officials of utility supplier to ensure 100% availability of electricity,water, gas & diesel at the plant.
- Prepared a comprehensive critical part list for preventive maintenance & manage inventory.
- Power monitoring & make detailed facility consumption report to higher management & also a member of G-YECOS team, YMC Japan.
- Attending meetings on electrical & utilities issues with higher management.
- Looking after complete plant engineering related to electrical & electronics aspects.

ACHIEVEMENTS:

- **Installation of Solar Project (400KW) in progress (Leading the Project from starting)**
- Electrical Annual Maintenance of HV and LV Panels.
- During annual maintenance phase, attended in-house trainings of,

a. Boiler operations & troubleshooting from team of Miura, Thailand.

b. Involved in Energizing & Annual Maintenance of HV/LV switchgear, Transformers (1250KVA & 1500KVA).

c. Maintenance Management System "MMS" from personnel of YMC, Japan.

- Smooth plant operation with 98.5% uptime in 2021.
- Successfully implementing Yamaha global standards in YMPK, Pakistan.

2. ANOUD POWER GENERATION LIMITED (APGL)

Maintenance Electrical Engineer

(2014– 2017)

WORK PROFILE:

- It is having 36MW of captive power plant.
- Dispatch load to more than one company including National refinery, pso, K-electric.
- I was responsible for all the operation and maintenance work done in shift.
- ALSO worked on WAUKESHA and CATERPILLAR GENERATORS. (MAX. 2.2 MW).
- Commissioning and erection of all generators.
- Installation, supervision, operation & troubleshooting of generators.
- Maintenance and operation transformer, VCB, VFD, ESP, all boiler and turbine auxiliary motors.
- Load management as per the demand and production.
- Maintenance and operation of switchyard of 33/11 kV transformer,
- CTs/PTs/LAs/Isolators etc.
- Contributing technical expertise in co-generation power plant maintenance and
- Operation.
- Involved in transformer testing and maintenance.
- Fully responsible for grid synchronization.
- Involve in DG operation through Alternator, having brushless excitation system.
- Maintenance and operation of MVA DG set.
- Perform the tasks of designing power distribution, grounding motor controls,
- Lighting control system, protection system & PLC system.
- Planning shut down work and executes it within timelines and with proper
- Manpower handling.
- Proper planning and maintenance of H.T / L.T switch gears, transformers, generators.

SKILLS & INTERESTS

SOFT SKILLS:

- Leader ship Skills.
- Decision making skills.
- How to manage a team work.
- Creative and innovation skills

COMPUTER SKILLS:

- AutoCAD
- Mat lab
- Programmable Logic Controller(PLC)
- MS Office (word, excel and power point presentation.