



CURRICULUM VITAE

MUKESH KUMAR SHARMA

: 25 Bajrang Vihar Near Beacon School, Murlipura Scheme, Jaipur, Rajasthan

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OBJECTIVE

A results-driven Chief engineer with 25 years of experience in the Hospital & Hotel Line, seeking a challenging opportunity to apply my technical knowledge and leadership abilities to drive project success. Possessing extensive knowledge and expertise in handling large-scale electrical projects, Conducting Audits, and installing major machinery managing and maintaining equipment and machinery and infrastructure systems & Hospital in Biomedical (Support Service), MEP, HVAC, MGPS System, leading a team as they complete various projects, calculating Maintenance & Project costs

SUMMARY

- Experienced Chief Engineer (Electrical, Maintenance, Project) with over 25 + years of expertise in managing complex projects in the Hotel-Hospitality and Healthcare industries.
- My depth knowledge of the following systems: -
H.V.A.C, plumbing works, Fire Fighting System, STP, Water Supply & waste water recycling, water treatment etc., Steam supply condensate return systems, Sprinkler systems, Laundry & Kitchen equipment, Kitchen L.PG system, Compressed Air & Medical Gas Systems (MGPS)
- Handled the Commissioning Hand-over & take-over in Narayana Multispecialty Hospital Katra (J&K), Raipur, and Ahmedabad.
- Recognized for Exceptional Work with the Chairman Award for Distinguished Service from Narayana Hospital.
- Proven Track Record of handling and delivering large-scale Electrical as well as Maintenance Projects.
- Experienced in Conducting JCI and NABH Audits in Hospitals. Installation of Major Machinery, and coordination of new manpower.
- Adept at dealing with Government Bodies and Experienced in reducing Operating Expenses (OPEX) through Effective Cost management. **Control & reduce maintenance costs in hospital**
- Strong Technical and Project Management skills, with a focus on Safety, Quality, and Efficiency.
- Ability to effectively communicate and collaborate with cross-functional terms to drive results and meet project timelines. Managing all the entire Operations within the Engineering Department.

SKILLS

Operations Management, Interior Fit-out, Mechanical, Electrical, and Plumbing(MEP), Feasibility Studies, Fire Safety Management. Project Management Bio Medical Management Handling Utility Service in plant. Daily updating checklist in Paz and make sure 100% completion , Monitoring of HVAC , Electrical , Engineering & Maintenance system Utilization of manpower, Yearly Budgeting for Technical services , HOD Meeting Handling .

Leadership & Management Skills. Machine Operations & Repair. Efficiency & Productivity Management. Strong Communication & interpersonal skills. Team Management and Motivation. Problem-Solving and Decision Making. Configuration with Government Bodies. People Management Time Management. Cost Management. Energy Efficiency Leadership People Management, Team player, and Process oriented.

STRENGTHS

With over 25+ years of experience, I have demonstrated expertise in managing complex projects in the hotel, hospitality, and healthcare industries. I have received recognition for my exceptional work, including the Chairman Award for Distinguished Service from Narayana Hospital, which shows that I am a trusted and respected member of my professional community. I have a proven track record of handling and delivering large-scale electrical and maintenance projects, indicating that I have strong technical and project management skills. I am experienced in conducting JCI and NABH audits in hospitals, demonstrating my knowledge of healthcare regulations and standards.

RESPONSIBILITIES

1. Report any abnormal conditions or delays promptly to the Facility Director and keep Customer Services Representative informed to communicate effectively with customers, Inspect and maintain equipment regularly.
2. Responsible for ensuring the smooth operation of all hospital facilities and equipment.
3. Service and replace old or faulty equipment. Troubleshoot equipment malfunctions
4. Keep all record pertaining to heat, light, power and cost of facility while the original document submitted to the Financial Controller.
5. Remove old equipment and install new machines with commission work.
6. Coordinate with departments for facility upkeep and maintenance, including electrical, mechanical, civil work (painting, plastering, flooring, false ceiling, waterproofing), medical gases (manifold gas plant), carpentry, plumbing solutions, air-conditioning, lifts/elevators, sewage treatment plant, and water treatment work.
7. Lead maintenance activities for module manufacturing at Renew, focusing on cost reduction, optimization of machine utilization, and enhancing equipment lifecycle.
8. Manage a large team of technical resources, including engineers, for smooth functioning of maintenance activities in all shifts, 365 days a year.
9. Provide management with weekly, monthly, and yearly schedules of maintenance activities, including breakdown, preventive, corrective, and predictive maintenance of plant equipment.
10. Ensure compliance with Department of Buildings regulations and permits for equipment use and Certificate of Occupancy
11. Department Supervising and leading all maintenance processes and operations: -
 - Lead Engineering Team, Maintain Facility & System, Manage Budgets, Compliance & Ensure Guest Satisfaction & Safety
 - Tracking expenses and overseeing the budget for maintenance.
 - Maintaining all machinery to ensure its working standards.
 - Creating and implementing maintenance procedures.
 - Conducting regular inspections of the facilities to detect and resolve problems.
 - Planning and managing all repair and installation all activities.
 - Ensuring all department workers adhere to the Safety Policies and Procedures

ROLES & KEY RESPONSIBILITIES

BE with 25-year experience in Hotel / Hospital / Marble Factory & Mince / Cement Plant.

Experience in machine Maintenance, project & preventive, predictive, corrective and breakdown Maintenance, Project Planning & implementation related to machines, Handling Utility Service in plant. Expertise in Licensing Commissioning to Plant Machinery along with spare part, Asset utilization enhancement & implement the best practices to reduction Water consumption and energy Consumption. Knowledge of power system, HT / LT, VCB, ACB, MCCB etc.

Coordination with the concerned department for Facility upkeep & Maintenance of the following scope:

1. Electrical, Mechanical, and Civil work (Painting, Plastering, Flooring, false ceiling, waterproofing etc.) Medical gases (Manifold gas plant), Carpentry, plumbing solutions, Air-conditioning Lifts / Elevators.
2. Monitoring & maintaining to lead all Maintenance activities for module manufacturing at Renew with a focus on cost reduction and optimization utilization of Machines. Leading a large size team of technical resources including engineers for the smooth functioning of maintenance activities in all shifts for 365 days of operation. The schedule of maintenance activities to management on a weekly, monthly and yearly basis. breakdown, preventive, corrective, and predictive maintenance of Plant Equipment.

Enhancing life cycle of equipment by analyzing critical spare parts. Daily check maintenance works in All Buildings. checks records for cost reduction during process activities and Taking Daily facility rounds of the buildings. Primary Responsible for the execution of All Electrical or Plumbing or HVAC work as per the Drawing and Schedule.

3. UPS, EPABX (Internal Telephone Networking),

4. Sewage Treatment Plant & Water Treatment work & Solution.

5. User satisfaction: -Redress patient end complaints related to maintenance scope & resolve the earliest based on priority

6. Water Supply

Daily ensure that continuous water supply to the hospital is in time water is pumped to Overhead tanks & prepare for backup plans during the shortage

As per the Infection control team for coordination cleaning of Overhead tanks to dispense safe potable water. RO, STP Water, Soft Water Supply handle

7. Electrical supply related: -

- a) Ensure electricity is supplied, distributed & Maintained appropriately to all identified areas.
- b) Ensure that it is safe & is monitored for usage & Backup of electrical supply for critical areas. An electrical Outage plan is in place & implemented during electricity failure.
- c) Be responsible for the upkeep of all electrical installations (All Type Panels, Transformer, DG Set)
- d) Handle All New Power supply / HT / LT, panels, DG set, UPS Supply / STP, WTP, RO control supply & power supply Work.
- e) Transformer Setup work with VCB, OLTC (On – Load tap – Changer),
- f) All Type Electrical Work. (Project & Maintenance)
- g) I have worked The ability to oversee major renovation Project with large Inventory in Luxury Hotels & hospitals

8. Maintenance: -

Responsible for maintenance of all mechanical devices/ equipment/ machines related to support in Repair, Modification, Lubricating and Replacement & service repair, upkeep & minor maintenance of hotel/hospital vehicles (Ambulance, Ambulate & Company Cars). Look Complete maintenance & engineering Activities with project & ensure smooth all function of maintenance of Building with utility service, maintain all PPM & Breakdown Management with PM. Maintain and distribute a system of electricity, water, gas, steam Bio Medical Management etc.

- a. **HVAC & Electrical Systems Management:** Oversee the maintenance, repair, and upgrading of HVAC systems for optimal climate control. Ensure the safety and reliability of electrical systems across all facilities
- b. **Plumbing & General Maintenance:** Supervise installation, maintenance, and repair of plumbing systems. Manage general repairs to ensure operational functionality at all times.
- c. **Facility Management:** Oversee the overall upkeep of Theo's restaurant spaces, including cleaning schedules, lighting, and safety checks. Ensure compliance with health and safety regulations.
- d. **Emergency Response:** Act as the first point of contact for facility-related emergencies, available 24/7 for critical issues.
- e. **Team Leadership:** Build, train, and mentor a high-performing maintenance team. Conduct regular briefings to align the team with operational goals and maintenance schedules.
- f. **Preventive Maintenance:** Develop and implement preventive maintenance programs to minimize downtime and ensure efficient operations.
- g. **Vendor Management:** Manage relationships with external vendors and contractors to ensure timely and cost-effective services.
- h. **Cost Control & Budgeting:** Develop maintenance budgets, track expenses, and implement cost-saving initiatives while maintaining service quality.
- i. **SOP Creation & Implementation:** Create and implement comprehensive Standard Operating Procedures (SOPs) for equipment and infrastructure to maintain consistent operational standards
- j. Maintain History card for all equipment, Critical area, PM checklist, Log Book as per company SOP, co-

workers and ensure no workplace bullying with all maintenance fire & safety are carried out in accordance with hospital policies and procedures.

9. **Project Management:** - Oversee MEP activities, Manage Budget, Schedule and resources. Ensure compliance with standards and requirement

10. **Design & Engineering:** - Lead MEP design, coordinate with architects and engineers for system integration.

11. **Construction Oversight:** - Supervise MEP & HVAC Installations, Conduct site inspections, ensure & safety compliance.

12. **Team Leadership:** - Manage & mentor the MEP and Project Team, foster collaborative environment.

13. **Stakeholder Management:** - Act as the primary MEP Contact prepare progress report & technical documentation.

14. **Quality Assurance:** - Implement quality control processes, resolve issues promptly

15. **Health & Safety:** - Ensure compliance with regulation, promote a safety Culture.

ESSENTIAL JOB DUTIES

1. Project Management: Lead MEPF-related aspects of projects from conception to completion, ensuring adherence to timelines and budget constraints. Coordinate with architects, structural engineers, and other stakeholders to ensure a unified and well-coordinated project delivery.

2. Technical Expertise: Provide technical expertise in the execution of HVAC, electrical, plumbing, and fire protection systems. Stay updated on industry trends, codes, and standards to ensure compliance and incorporate the latest technologies into the project

3. Quality Assurance: Conduct regular inspections and quality checks during construction to ensure MEPF systems meet specified standards and regulations. Collaborate with quality control teams to address any deviations and implement corrective measures.

Safety Oversight: Prioritize and enforce safety protocols on construction sites, promoting a culture of safety and ensuring compliance with relevant regulations. Develop and implement maintenance, fire & safety

4. Value Engineering: Identify cost-saving opportunities without compromising system performance or safety.

5. Communication: Maintain regular communication with all higher authorities to provide updates on project progress, address concerns, and ensure the overall satisfaction.

Experience

Experience in Project Engineering and Maintenance with Greenfield and brownfield projects in Hospital. Electrical System Installation & allied service for hospital, hotel & Commercial Building or experience in MEP, STP, WTP, and fire pump Room Installation or Fire Pump Room Installation, WATER COOLED, AIR COOLED HVAC system. Installation along with Chiller, Cooling Tower, AHU, FCU, UPS, Bio Medical Equipment's Etc.

a. Overall site Coordination with service, Quality Control, MIS / Project Report / Site Test Report Etc.

b. All Type Electrical Panels (Power & Control) , HVAC System (Water Cooled & Air Cooled Chiller, VRF, VRV, Duct able AC, AHU, PAHU, Could Room.

d. Developing & Managing Budgets for Projects, Engineering Initiatives & Maintenance activities.

e. Allocating resources efficiently to ensure the successful completion of projects and maintenance tasks

f. Manage the all physical plant with day to day observation Chiller plants, DG plants, HT panels & LT panels, RO plants, STP, Building water supply with hydrant, Solar geyser & Fire Fighting system.

g. Experience in Engineering & Maintenance Management, Team Leadership, Environment Health & Safety, Quality Assurance and Compliance, Quality Assurance and Compliance, Budgeting and Resource Allocation, All type Audits (NABH, JCI, NABL. NBC etc.) Maintain PM, Check List, all documents Budgeting and Resource Allocation

WORK EXPERIENCE

TMU Hospital (A Hospital of TEERTHANKER MAHAVEER MEDICAL COLLEGE)

AGM (MEP & Maintenance)

Since April 2021

Project Management with Handling all Project and Commissioning, MEP, MGPS, HVAC, Civil Projects.

- a. Maintain the RO Plants for drinking & dialysis for OT, CSSD area. OT validation test & changes of ACPH positive & negative pressurization.
- b. Handle all maintenance work for the hospital, including chillers, cooling towers, escalators, dumb elevators, and other major machines.
- c. Perform daily maintenance checks in the OT and all critical areas, ensuring thorough inspection of all records, generating the Daily Maintenance Report (DMR) and Management Information System (MIS)
- d. Report, & preparing a comprehensive report to monitor significant breakdowns. Maintain functioning of hospital equipment's. Manage & oversee the upgrade and installation of new machinery and equipment.
- e. Conduct regular inspection & ensure all equipment is in optimal working condition. Provide Technical support and troubleshoot issues as needed.

Maintain PPM & All Document as per NABH accreditation compliance.

MANIPAL HOSPITAL JAIPUR, RAJASTHAN

MANAGER (Maintenance and Engineering)

March 2017 to April 2021

1. I managed various maintenance tasks, including the regular upkeep of machinery, building infrastructure, and electrical systems. This encompassed overseeing projects like the establishment of new medical facilities (MICU, OT, Deluxe Ward, and Private Ward) and the transition from old AC systems to HVAC with handling new Project and Commissioning work.
2. Furthermore, I ensured meticulous maintenance inspections in critical areas such as OT, ICU, MICU, ITU, and Cath Lab, while also thoroughly reviewing all associated records. In addition, I was responsible for generating both the Daily Maintenance Report (DMR) and the Management Information System (MIS) report.
3. Managed all aspects of maintenance, including regular maintenance of machines and building infrastructure.
4. Conducted training programs for staff to ensure compliance with regulation.
5. Handling Liaisoning with Government Bodies, Scrap Management, and Project Management.
6. Managed Bio-waste and ensured safe disposal.
7. Handled all NABH work as per SOP.
8. Oversaw the installation of Critical equipment such as MRI Lab, MICU, and Linac Machine. Checking Regular Inspection and ensure all equipment is in Optimal Working Condition.

Narayana Multispecialty Hospital Jaipur, Rajasthan

Head of Engineering and Maintenance

June 2013 to March 2017

1. Project Management with Handling all Project and Commissioning, MEP, MGPS, HVAC, Civil Projects.
2. Successfully managed JCI Audit.
3. And Ensured Compliance with all JCI accreditation requirements
4. Also, handled the Commissioning work and Hand-Over & take-over in Narayana Multispecialty Hospital Katra (J&K), Raipur and Ahmedabad.

5. Maintained a preventive maintenance program and ensured proper documentation
 6. Implemented an energy-saving plan to reduce costs and promote sustainability
 7. Managed the Sewage Treatment plant and dealt with contractors and vendors as needed
- Ensured Proper Installation of Fire Safety Equipment and adherence to statutory Compliance.
Received the CHAIRMANS 'S AWARD for valuable Contribution and outstanding performance.
Maintain PPM & All Document as per NABH & JCI Accreditation Compliance.

HOTEL GOLDEN TULIP

Chief Engineer

Jun 2011 to Jun 2013

- a. All Hotel Project Handle with MEP, HVAC, CIVIL, INTERIOR, All Equipment Panels Insulation
- b. Oversaw the maintenance of All Engineering Equipment's and ensured optimal operation.
- c. Implemented the fire safety Equipment and ensured Compliance with regulation.
- d. Prepared the Budget for the Department and ensured cost effectiveness.
- e. Managed fire Safety equipment and ensured Compliance with regulation.

HOTEL ROYAL ORCHID AHMEDABAD

Chief Engineer

February 2009 to Jun 2011

- a. Responsible for Operation and Maintenance of all equipment.
- b. Resolved Project-related issues and enhanced the of machines.
- c. Successfully Completed the projects on time
- d. Managed fire Safety equipment and ensured Compliance with regulation.

Hotel Fort Rajwada Jaisalmer

Chief Engineer

January 2006 to February 2009

1. Managed all electrical machinery, including kitchen equipment
2. Conducted Training for staff and troubleshooting machines
3. Coordinated with vendors to ensure timely availability of spare parts and minimized breakdowns
4. Handle All Hotel Project handle with MEP work, HVAC work, and Electrical work
5. Day to Day Check All Hotel Project work & Maintenance Work in Rooms, Equipment's, maintain HLP Cost. Daily Project Report Summit Director & GM.

Genpact Jaipur Rajasthan

Project Engineer

January 2005-January 2006

- a. Handled Major Machines and ensured smooth operation
- b. Prepared monthly reports and resolved electrical and mechanical problems and snag points
- c. Conduct regular inspection & ensure all equipment is in optimal working condition. Provide Technical support and troubleshoot issues as needed
- d. Contributed to the efficient functioning of the electrical and mechanical operation of the company.
- e. Total MEP work Project Handled with HVAC.

Arpit Marble Pt. Ltd.

Electrical Engineer

January 1995-January 2005

I have handle Electrical Setup Comprising of HT lines, 33 KV Yard with GOD, 100 AMP drop out fuses, Large Capacity OLTC Transformer (1250 to 2500 KVA), CTPT, 33KVA panels, with ACB, PCC, MCC, 415 V VCC, APFC Panels, Large Capacity DG set, High- capacity Induction Motors Etc. their maintenance, troubleshooting & upkeep

1. Maintained & repaired electrical equipment at Andhi Marble Pt. Ltd, a marble mining company
2. Set up and configured all electrical panels and conducted cable work for the factory and mine
3. All electrical Power & Control supply New Panel & Repair work

4. Repaired Machinery used in the marble and mine operations, ensuring smooth production process.
5. Managed & operated the electrical systems to ensure optimal performance and efficiency.
6. Repair all Mince & Marble plant Equipment
7. Managing and maintaining industrial equipment and machinery.

Moti Cement Ltd. Jhunjhunu Rajasthan

Electrical Forman

April 1993 to February 1995

1. All Electrical New Work Panels, DG Set, and Transformer work, including maintenance and repair
2. Maintains electrical panels and fixing machines
3. Overseeing all maintenance operations to ensure a smooth & efficient production process
Operations Management in Plant.

EDUCATION

Bachelor of Engineering in Electrical Engineering (1998-2002) Electrical Engineering (SVIMT Vishakhapatnam)

Schooling from Government Higher Secondary School Amarsar, Jaipur

Diplomas & Licenses: -

- 3- Year Diploma in Electrical Engineering (1990-1993)
- AVTS (AC & Electrical Controller)
- Diploma in Fire and Safety 2004
- Wireman License No. 9100

Conclusion: -

With a strong background in Electrical Engineering a Proven track record in Maintenance and Project and a passion for improving efficiency and Productivity, Managing & Maintaining Industrial. Hotel, Hospital Equipment, Machinery, HVAV, Firefighting norms, Normal Auto Card, Microsoft Excel & Power Point, Substation Design, Feasibility Studies – Budgeting & Forecasting, Project Management, MEP Coordination Cost management (Mechanical, Electrical & Plumbing (MEP) and Lighting, MGPS),.

Cost Management (Mechanical, Electrical, and Plumbing (MEP) & Lighting)

Thank you for considering my application.

Date:

Place:

Mukesh Kumar Sharma