

ABHILASH KESAVAN SUMATHY

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SUMMARY

Experienced Operation & Maintenance facilities Specialist having 16 + years of GCC experience in different sectors like, Metro rail project, hospitality industry having commercial and residential villas also infrastructure maintenance as per the property policy and standards.

EXPERIENCE

Advanced Technical Services L.L.C, Senior Operation & Maintenance Lead Engineer - Metro rail project , Line # 03 , Riyadh

Nov 2024 - Present

Preparation of Standard Operation Procedures and method statement for consultant's approval based on the Project specifications and client requirements. Apply quantitative analysis to determine root.

Perform corrective and planned maintenance tasks and ensure the correct closure of works orders i.e.

Apply quantitative analysis to determine root cause of highly technical problems and propose, develop and implement solutions for corrective action. Excellent analytical and Management skills.

Ensure compliance to CMMS Videntium schedule and prepared reports for all maintenance performed on Emergency Lighting and Lighting Control system and SCADA equipment.

Coordinated with team members to develop risk control processes and maintained expertise in Lighting Control system and SCADA equipment maintenance.

Monitored all backlog of maintenance processes and ensured compliance to all regulations.

Facilitate/lead Root cause failure analysis as require, identify and support the implementation of corrective actions that mitigate risk, and ensure that all analyses and activities are appropriately documented.

DANA BAY TOURISM COMPANY, Senior Facilities Specialist

Dec 2014 - Oct 2024

Preparation and monitoring of inspection checklist, preventive maintenance schedule of room facilities like fire alarm and firefighting system, public addressing system, security cameras, door access control system, baggage scanning machines, audio visual systems as per hotel standards.

Preparation and monitoring of inspection checklist, preventive maintenance schedule of building facilities like restaurants, administration office facilities, staff accommodation facilities, main kitchen, café, pool facilities, retail shops, F & B outlets, recreation facilities, banquet halls and kiosk outlets as well.

Preparation and monitoring of inspection checklist, preventive maintenance schedule for kitchen and laundry equipment, refrigeration system like walking freezer and chiller units, VRV air condition and package units as well.

Produced management monthly reports and invoices based on the computer aided facility management (CAFM) eMAINT.

Implemented improved training programs for maintenance employees with on job training (OJT).

Guidelines and direct supervision of trouble shooting of electro mechanical systems, pump control panels operated by VFD and PLC as well.

Preparation of manning budget and capex budget. Maintaining the external service network not limited to

- 13.8 kV medium voltage electrical distribution system with Ring main units (RMU) connected in 4 feeders with 72 Nos of substations.

- Maintaining the backup power generating diesel generator having a capacity of 3 MVA with associated automatic transfer switch panels.

- Water production and treatment reverse osmosis plants (RO) which includes the water quality parameters, rotary equipment and control panels as well having production capacity of 2600 CUM per day

- Sewage treatments plants having treatment capacity of 2000 CUM per day with 4 plants.

- Sweet water distribution network

- Irrigation water distribution network

- Sewage water network with lifting station and pumping stations.

Water theme park commissioning and pre commissioning activities, Facility Handing over, responsible HEAD of LOOPAGOON Water Park maintenance.

- Represented to assist the testing, commissioning and pre commissioning task of LOOPAGOON Water Park, which includes the testing and inspection of rides, thunder waves, lazy river, flow rider associated electro mechanical systems and their control panels.

- Detailed inspection and testing on specified time frame in coordination with the park operation dept. to promote installation and safety for the rides and attraction with the water park vendors POLINS, WHITE WATER, PROSLIDES, and SUNKID.

- Handing over documents verification and receiving authority for the architecture, design, as built drawings for MEP, utilities, infrastructure, other facilities.

- Review and receiving authority of O & M Manual, technical data sheet, training manuals, testing & commissioning reports and warranty certificates for the rides and attractions and electromechanical equipment.
- Assisted the local authority certification like TUV, Safety certificates, efficiency certificates and approval from civil defense.
- Drafted procedural statement and guidelines for SOP based on park vendor operation and maintenance manual.
- Responsible for the WATER PARK OPERATION AND MAINTENANCE ACTIVITIES not limited to,
- Inspection check list, preventive maintenance schedule of electro mechanical systems and electrical distribution panel, wave generating system, motor control panel, VFD operated panel, UPS systems also magnetic flow transmitter to measure the water flow for rides.
- Repairing of the fiber glass slides, maintaining the water quality of the pools and attractions within the specified limit based on the vendor operation and maintenance manual as per the water park standards.

AL HABIB & CO. LLC, *Electrical project engineer*

Jan 2013 - Jan 2014

Worked as ELECTRICAL PROJECT ENGINEER involved in ROP administration and accommodation facility project at KHASAB, SULTANATE OF OMAN.

- Handled strength of 32 Nos includes engineers, supervisory staff, and skilled technicians of different MEP category.
- Supervised, trained and mentored juniors to guarantee reliable execution of electrical engineering activities.
- Maintained strict compliance with regulatory requirements and industry standards for safe, operational environment.
- Conducted risk assessments for electrical installations, maintaining safety and reliability.
- Executed detailed design reviews, identifying and resolving potential issues in electrical plans.
- Optimized client satisfaction, monitoring on and off-site activities to ensure delivery against agreed programme.
- Arrangement of necessary approvals for the execution of the project
- Procurement arrangement & Allocation of Manpower
- Supervised technicians in installing and maintaining LV, systems, overseeing safety and operational efficiency.
- Compared shop drawings against tender drawings of contractor to determine compliance.
- Participated in testing and commissioning of the Electrical main distribution panels, distribution panels, HVAC, Fire alarm and firefighting system, CCTV, Public address system, Building lighting and emergency lighting system, Outdoor lighting system.

NASIMIBRA TRADING LLC, *Maintenance Engineer*

Oct 2010 - Oct 2012

Responsible for the head of maintenance division having total strength of 56 Nos which includes maintenance engineers, supervisory staffs, maintenance technicians in different discipline, handling the maintenance contract of the university, school, colleges under ministry of education, ministry of manpower at various locations of SULTANATE OF OMAN.

Handling street light maintenance contract under Municipality of IBRA and SUR region at SULTANATE OF OMAN.

- Implementation and monitoring of inspection checklist, preventive maintenance schedule of room facilities like fire alarm and firefighting system, public address system, security cameras, door access control system, baggage scanning machines, audio visual systems as per the hotel standards.
- Implementation and monitoring of inspection checklist, preventive maintenance schedule of air-condition units includes split units, window units, HVAC package air-condition units.
- Responded to plant breakdowns and emergency callouts.
- Maintained accurate and up-to-date records of equipment maintenance activities and repairs.
- Diagnosed and resolved issues promptly through mechanical and electrical fault-finding exercises.
- Carried out scheduled preventative maintenance requests on all machines, processes and assembly lines.
- Monitored and controlled inventory levels for spare parts for optimal stock levels.
- Conducting the meeting with the clients to ensure the quality and fulfil the additional requirements
- Minimized plant breakdowns with Planned Preventative Maintenance (PPM).

NASSER S.AL HAJRI CORPORATION, *Electrical Site Engineer*

Feb 2008 - Mar 2010

Involved in three major petrochemical plant expansion and new projects under SABIC, Al - Jubail, KINGDOM OF SAUDI ARABIA.

Ibn Zahr Poly Propylene plant 3 expansion project, SABIC, K.S.A

Responsible for the supervision of ELECTRICAL SUBSTATION WORK

- 13.8KV MSG, MMS, MCC Panel installation works
- 10 MVA & 4.5 MVA Transformer HT cable laying and termination
- Electrical cable tray installation works
- Electrical MV/LV cable laying works
- Installation of HVAC system
- Installation of FIRE ALARM System
- Electrical Grounding Works
- Electrical lighting installation works
- And also, Procurement Arrangements, Manpower allocations and co-operate with Supervisors for executing the job.

S.F.C.C.L, Methanol Project, K.S.A & Saudi Kayan Phenol Project, SABIC, K.S.A

Worked as an Instrumentation Site Engineer, responsible for

- Installation of SCADA, DCS and control panels
- Instrument J.B installation works
- Instrument cable pulling works
- Instrument cable termination works
- Instrument installation works
- And also assisted with loop checking of the measuring instruments

EDUCATION

R.V.S College of Engineering and Technology

*Bachelor of Engineering • **Electrical and Electronics Engineering** • Apr 2003 - Apr 2007*

LICENSES & CERTIFICATIONS

Registered electrical engineer

Saudi Council of Engineers • 1134671 • Issued Apr 2025

Electrical Safety regulation rules (SF 101)

Ministry of Manpower Oman • Issued Mar 2012

Managing safety (SF 160)

Ministry of Manpower Oman • Issued Mar 2012

BASIC FIRST AID AND CPR (SF - 170)

Ministry of Manpower Oman • Issued Mar 2012

SKILLS

Facilities inspections • Facilities contractor management • Building maintenance management • Facilities staff recruitment
 • Project Management • Customer relationship building • CAFM management • Guide lines and direct supervision for trouble shooting • Facility management budgeting

HONORS & AWARDS

Certification of experience

Samsung C&T Corporation • Sep 2008

Certificate issued by SAMSUNG ENGINEERING as main contractor of civil, mechanical, electrical & instrumentation construction work of IBN ZAHAR PP 3 (polypropylene project) under SABIC at AL JUBAIL, KINGDOM OF SAUDI ARABIA

Employee of the Month

Loopagoon Water Park •

Nominated for the excellence performance during the month of MAY 2022 on behalf of facility management dept.

Certificate of Achievement

Loopagoon Water Park •

Achieving the highest footfall ever recorded in the park history, 19895 in the month of July 2024

Certificate of appreciation - Participation of pre-opening works

Loopagoon Water Park •

Certificate of appreciation - Participation of pre-opening works, ladies only water park, Facility Management dept.