



SUHAIL P.T

Dynamic and Engineer certified Permit-to-Work (PTW) holder and certified risk assessor, equipped with extensive experience as a Project Engineer with expertise in electrical, electronics, instrumentation, and mechanical projects. Currently pursuing PMP certification to further enhance project management skills. With a robust background spanning over 6 years in

water desalination and power plant projects, specializing in project management, I am actively seeking new opportunities in the Middle East region. Proficient in managing the entire project lifecycle from conception to completion, I bring a demonstrated history of success in delivering projects on time and within budget. Skilled in electro-mechanical projects, I excel in optimizing processes and systems to drive efficiency and productivity.- Seeking a challenging role as a Junior Project Engineer and Maintenance Engineer, I am committed to leveraging my project management expertise, technical acumen, and dedication to safety compliance to accelerate progress and contribute to the success of the organization. With a focus on upholding the highest professional standards, I am poised to make a meaningful contribution towards achieving company goals.

WORK EXPERIENCE

Arabian Power Company (APC)



Full-time · 6 yrs 8 mos

• Contract Project Engineer

Abu Dhabi, United Arab Emirates

Jun 2019 - Present · 5 yrs 3 mos

- Located on the Umm Al Nar island, 12 miles to the east of Abu Dhabi city, the existing gas-fired plant has an installed power generation capacity of 850MW and uses five 57,000m³/day multi-stage flash distillation (MSF) units for desalination. ITM O&M has a new gas fired power and MSF desalination plant was developed adjacent to the existing facility, with an installed power capacity of 1,550MW, capable of producing 113,600m³/day of water. This position is responsible for managing the clients, communicating on technical & commercial issues, achieving client's expectations for quality & delivery by continually aligning the client's requirements. The Project Engineers role is to assist the Project Manager and Project Superintendent with the overall management of project execution with emphasis on coordination of work, procurement and expedition of subcontractors/suppliers, and the identification and resolution of design drawing conflicts. The Project Engineer also participates in the preconstruction effort including estimating and purchasing.

- Ensure timely communications with the client on project status; update all internal interested parties including the technical team
- Receive the PO "Purchase Order" from the client and analyze it on quality, specifications, quantity, price
- Supervise the suppliers; obtain quotations and analyze the quotations.
- Coordinate with the Projects and Finance Team to keep a track on Invoicing
- Ensure all the RFQ "Receipt of Request for Quotation" procedures are followed by the Document Controller
- Permit acceptor of PTW and authorized Risk assessor.
- Risk management, analysis and assessment of potential risks that may affect the implementation of the project.
- Ensure that the work is done within the assigned deadlines
- All kind of Mechanical Maintenance works in power plants.
- Participate in the development and issuance of project schedule
- Participate in the review of project cost incurred and in cost projecting.
- Organize and administer on-site contractor job coordination meetings.
- Participate in project meetings and issue meeting minutes.
- Site supervision and responsible for maintain general safety.
- Project coordination with all other department like electrical, instrument and civil.
- Well knowledge and execution of Confined space works, work at height, lifting plan, hot work and floor opening, etc. without accidents.
- Lead for acid cleaning of demister through safety procedure.
- Non-destructive testing supervision and execution
- Mechanical Valve maintenance
- Prepare method of statement for all pm/cm related works in power plant.
- Firefighting and fire alarm system works execution.
- Sea water Desalination unit maintenance works including evaporator, water boxes, valves, strainers, de-aerator, pre-heater etc...



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Engnr Suhail



SKILLS

- Estimation and Planning
- Project Management
- Certification in Permit to Work (PTW)
- Safety Procedures and Hazard Identification
- Maintenance Planning and Scheduling
- Multi-disciplinary Coordination
- Procurement and Supply Chain Management
- Detailed Engineering in Piping Valves
- Leadership and Team Management
- Interpersonal Communication and Presentation Skills
- Project Seminars and Presentation Experience



TECHNICAL CERTIFICATES

Project Seminars: Automatic Vehicle Theft and Detection System (2018).
Atmospheric Measurement Using Wireless Robot (2017).



SEMINAR PARTICIPATION

ARTSENSE (IEEE 2018).
Virtual Instrumentation IEEE (2014).
Invoice Processing.

- Execution of Gas turbine, HRSG, and steam turbine maintenance works.
- Fuel gas pipe line maintenance works with following safety procedure.
- Maintenance works on Confined space works like distiller, oil tanks, remineralisation tanks, GRP Pipes, excavation, hypochlorite tanks, carbon filter tanks, degasifier, bromide free tank, etc.

Skills: Management · Analytical Skills · Knowledge of types of services · Customer Service Skills · Ability to work with people from various cultural backgrounds · IT Skills.

• **Project Team Lead-desalination-shutdown-PTW holder**

Jan 2018 - Apr 2023 · 5 yrs 4 mos

Abu Dhabi, United Arab Emirates

- Manage and execute the distiller shutdown in 2018,2019,2020,2021,2022 including seven MSF(12.5*7)and two MED(2*2.5).
- Prepared the MSRA ,and taken the PTW for all distiller for above mentioned years accordingly.
- Work include,inspection and annual maintenance all cells,distillate chamber,distillate arrays,PT test for any leakages-if any leakages found ,need to perform hot work.
- Work include,inspection and annual maintenance of deaerator,pump suction strainer, water boxes(if any block found-need hydro jetting),pall ring replacement for deaerator.
- Perform complex maintenance duties including Distiller(DOOSAN&HITACHI) and welding, and preventative maintenance
- Perform the preventative, predictive and breakdown maintenance of distillery process, mechanical, electro mechanical equipment
- Support and execute plant specific maintenance strategies to achieve distillery KPI's and overall maintenance performance
- Cross-train to perform all maintenance technician tasks with high proficiency and efficiency
- Maintain all distillery process equipment including but not limited to Heat exchanger (water boxes),pumps, motors,
- Create a positive and informative guest experience by engaging with visitors,PGM,Safety manager, business partners, and key stakeholders to share pertinent information regarding the art and science of distillation, knowledge of site safety rules,engie life saving rule, and importance rescue and how to act rapidly.
- Complete safety audits monthly
- Participate in outage maintenance meetings and issue meeting minutes.
- Coordinates with supervisors, managers and employees at all levels to ensure commonality of purpose and direction, ensuring coordination between shifts.
- Confirms the priority of work requests and ensures equipment return dates are justified. Develops a periodic (i.e. two weeks) rolling plan and reviews and adjusts it on a daily basis.

Skills: excellent communication · Project Coordination · Maintenance & Repair · Plant Maintenance · Planned Preventative Maintenance · Project management

• **Health Safety Environment Officer-on contract**

Abu Dhabi, United Arab Emirates

Jun 2020 - May 2021 · 1 yr

- Auditing risk assessments and improving upon company local procedures for high risk activities and assuring compliance with OSHAD code of practice. Making daily safety tours to account for near misses/safety observations in our daily production meetings as well as managing covid PPE stock for the company.
- Management of HSE in the workplace, ensuring consultation and communication amongst employees and management.
- Implement programs to provide a safe and healthy working environment for all personnel.
- Drive the HSE risk management process within the company by providing support and educating staff in risk analysis / hazard identification and review and development of policies and procedures.
- Identify training needs and provide HSE training to staff, including annual testing of emergency responses.
- Build relationships with employees, supervisors and managers to bring awareness of current safety issues and topics; seek employee involvement at all levels to report potential hazards
- Implement the utility's Accident Prevention Program
- Work with the training office and other fire fighting safety professionals to ensure all new and existing maintenance staff receives safety training that is designed to meet the needs of the specific workgroups. This includes developing or procuring appropriate training materials, equipment and services to meet training needs specific to the maintenance Section



PROJECT SEMINAR COMPLETION

Automatic Vehicle Theft and Detection System (2018).

Atmospheric Measurement Using Wireless Robot (2017).



TECHNICAL SKILLS AND CERTIFICATIONS

- **PLC:** Allen-Bradley Micrologix 1400, Schneider Electric Twido, Omron Sysmac CP1E, GE Fanuc, ABB 07KR51, Mitsubishi FXIN.
- **SCADA:** Invensys Wonderware InTouch, Siemens Somatic WinCC, GE-Fanuc iFIX.
- **DCS:** Honeywell Plant Cruise C300 Series 8.
- **VFD:** Schneider Electric Altivar series.
- **HMI:** Schneider Electric Telemecanique Magelis XBT GT (touch screen), P&FI, ISPW, MCC PANEL.
- **MATLAB.**
- **LABVIEW.**
- **Edraw Max.**



EDUCATION

- **B-Tech in Applied Electronics and Instrumentation Engineering**
Duration: 2013 - 2017
University: Kerala University
College: College of Engineering Trivandrum (Government)
Certification: Attested by UAE Embassy
- **Advanced Diploma in Industrial Automation Engineering**
Duration: 2016 - 2017
University: TUV Rheinland, Germany
College: SMEC Institute Kerala
- **Diploma in Electronics and Instrumentation Engineering**
Duration: 2010 - 2013
Board: Board of Technical Education
College: Govt Polytechnic College Kerala
Certification: Attested by UAE Embassy

- Travel to job sites within a ITM O&M and conduct thorough worksite evaluations and facility inspections. Work with staff to identify potential hazards and exposures.
- Provide safety performance metrics on a periodic basis
- Ensure proper records and retention for the safety program
- Other related duties as assigned

Skills: Safety Training · Quality, Health, Safety, and Environment (QHSE) · Firefighting · HSE auditing · Accident Investigation · Hazard Identification

• **Project Coordinator/Manpower coordinator -on contract**

Abu Dhabi Emirate, United Arab Emirates

Jun 2019 - Jul 2020 · 1 yr 2 mos

Manage and coordinate the project technical and manpower activities ensuring works are executed as per design specifications, in a timely and cost-effective manner, and in compliance with QHSE standards. Project coordination and manpower coordinator of three site places Um alnar, Ruwais and Al taweelah.

- Provide general administration and personal assistance required by the Services Department.
- Provide full admin support to the team and department.
- Archive documents or files on behalf of the Team.
- Prepare the daily or weekly expense report and ensure that accurate and timely expense reports are approved by Supervisors before lodging with the Finance Department.
- Prepare and coordinate data and approvals starting from RFQ, Quotations, and Purchase requisitions for online purchasing.
- Maintain a proper and user-friendly filing and document control system for recording and tracking all documents.
- To develop and draft various reports (Weekly Reports, Monthly Reports)
- To seek approvals from the client for any additional works required in the sites as per the procurement team's requests.
- Provide general administration assistance for HR-related issues for both Technical and Professional staff.
- Arrange meetings, inductions, and associated tasks.
- Attend meetings and keep records of proceedings on behalf of the team.
- Provide training and assistance to newly hired administrators.
- Assist in the mobilization of new projects.
- Perform any other duties required to support the management team, activities, and overall strategic directions in order to ensure smooth flow of operation within the division.

Skills: Time Management · Management

• **Junior Site Engineer-on contract**

Abudhabi, UAE

Nov 2018 - Jun 2019 · 8 mos

Umm Al Nar Power and Desalination Plant owned by Arabian Power Company is located in the Emirate of Abu Dhabi at Sas Al Nakhl Island, consists of existing UAN East and UAN West Plants, and the newly build UAN B Plant. The New UAN B Plant has a total Net Power Generation Capacity of 1550MW and Net Water Production Capacity of 94.4MIGD. The whole Umm Al Nar Plant has total Net Power Generation Capacity of 2200 MW and Net Water Production Capacity of 143MIGD.

This position is responsible for managing the clients, communicating on technical & commercial issues, achieving client's expectations for quality & delivery by continually aligning the client's requirements.

- Prepare reports, regular documents and documents to document project details and submit them to the management team, clients and partners.
- Manage and coordinate multidiscipline engineering activities to ensure projects are executed in a safe, efficient, cost effective and timely manner.
- Act as primary technical co-ordination interface with client to ensure that the client's expectations are satisfied.

Skills: Time Management · Technical Engineering · Project Coordination · Project Planning · Project Commissioning.

• **The Raintree Hotels**

United Arab Emirates

Full-time · 9 mos



• **Assistant Maintenance Engineer**

On-site

Jul 2018 to Nov 2018, 5 mos



AWARDS/RECOGNITION

Engie "I Save Life" Award of 2022.

Recognized for outstanding contributions to safety and saving lives.

"I Save Life" Award for the month of September 2022.

Acknowledged for significant contributions to improving the work system at Arabian Power Company (APC) in alignment with the company's target of zero harm



PERSONAL DETAILS

Professional Certification: Pursuing PMP (Project Management Professional)

Visa Status: Employment Nationality: Indian

Driving License: UAE (Manual)

The assistant maintenance engineer is responsible for overseeing a team of general maintenance technicians to ensure the delivery of high-quality maintenance services to customers. This includes planning, coordinating, and managing all maintenance activities, ensuring compliance with standards, safety, and quality.

Team Management:

- Supervise And Direct A Team Of general maintenance Technicians.
- Provide Necessary Training And Support To The Team To Ensure Their Efficiency And Effectiveness.

Planning And Organization:

- Effectively Plan and Schedule Maintenance Tasks.
- Coordinate With Customers To Schedule Visits And Maintenance.
- Monitor Work Progress And Ensure Timely Completion Of Tasks.

Diagnosis And Maintenance:

- Assess And Identify general maintenance Issues and Provide Appropriate Solutions.
- Supervise Maintenance Operations And Ensure They Are Executed According To Set Standards.
- Provide Technical Advice To The Team And Customers On Plumbing Issues And Possible Solutions.

Documentation And Reporting:

- Prepare Regular Reports On Maintenance Activities And Progress.
- Accurately Document All Work and Repairs Carried Out.

Quality Assurance:

- Ensure Adherence To Quality And Safety Standards In All Maintenance Activities.
- Conduct Regular Inspections to Ensure the Quality of Completed Work.

Communication:

- Maintain Good Communication With Customers To Ensure Their Satisfaction With The Services Provided.
- Coordinate With Other Departments To Ensure Smooth Workflow.

Core Qualifications

- Considerable experience in general hotel maintenance
- Superior knowledge of air conditioners and refrigeration units
- Exceptional facility with carpentry painting plumbing and masonry
- Strong proficiency with FCU, Chiller electrical and mechanical systems
- Excellent ability to interpret documented safety rules, documentation of DEWA also.
- Outstanding ability to adhere to safety instruction procedures and policies.

Skills: Time Management · Management · Analytical Skills · Technical Engineering · Building Maintenance · excellent communication · Maintenance & Repair · Organization Skills · Supervisory Skills

• Maintenance Supervisor

Mar 2018 - Jul 2018 · 5 mos

I establish and maintain good relationships with my customers through regular interaction with them. I also coaches, leads and motivates the Maintenance Technicians to continuously improve field performance through LEAN actions and ways of working. I manage the maintenance operations and variable costs according to the targets. With the help of dedicated repair tendering resources in Customer Service and Administration team Maintenance Supervisors ensure that repair and callout sales targets are achieved. The Maintenance Supervisor is accountable for the entire customer, safety, operational and financial KPI's linked to the role and to ensure that the monthly, quarterly and yearly targets are achieved or exceeded.

Considerable experience in general hotel maintenance

- Outstanding ability to adhere to safety instruction procedures and policies.
- Responsible for establishing and maintaining a good relationship with all customers in the area and interacting with them regularly and proactively.
- Accountable that customer experience touch points are followed during the whole maintenance contract lifecycle.
- Communicates to customers that promises have been delivered.
- Ensures that customers' queries are answered on time and with the appropriate attention and makes sure complaints are solved accurately and on a timely basis.
- Superior knowledge of air conditioners and refrigeration units
- High skills in troubleshooting electrical equipment issues, CCTV maintenance and trouble shooting.

Skills: Management · Analytical Skills · Technical Engineering · Building Maintenance · Communication · Customer Engagement · Supervisory Skills · Action Planning

• Trainee Electrical, Electronics, and Instrumentation Engineer

Contract

Government of India Ltd, Diesel Power Plant

May '17 - Mar '18

- Power Plant Operations: Operated and maintained Wartsila 18V46C Engine and associated auxiliaries. Managed generator transformers, LV and MV switchgear rooms. Conducted maintenance across various divisions, including electrical, electronics, instrumentation, and automation on a shift basis.
- Equipment Control and Maintenance: Controlled and maintained auxiliary equipment such as pumps, fans, compressors, condensers, and feedwater heaters. Ensured the uninterrupted supply of water, fuel, lubricants, air, and auxiliary power through filtration systems. Monitored power plant equipment and indicators to detect and address operating problems promptly.
- Control Room Operations: Managed control room operations, including Automatic Voltage Regulator (AVR) and Synchronization. Performed maintenance of AVR, LV, MV, and SCADA systems to ensure optimal performance and reliability.

Dear Hiring Manager,

I am writing to express my interest to join your company for the position of maintenance Engineer and junior project engineer. With a proven track record in project engineering and management, coupled with a strong background in technical expertise and certifications, I am confident in my ability to contribute effectively to your team.

As detailed in my resume, my experience at Arabian Power Company has equipped me with comprehensive skills in project estimation, planning, and execution, particularly in modification projects such as solar pole lights and temperature control systems. My Engie certification in Permit to Work (PTW) demonstrates my commitment to safety protocols and hazard management.

Additionally, my involvement in mega desalination projects showcases my leadership capabilities and ability to coordinate multi-disciplinary teams to achieve project targets within budgetary constraints. My technical proficiency spans across various control systems including PLC, SCADA, DCS, and VFDs, as well as programming skills in MATLAB and LABVIEW. Moreover, my active participation in seminars and receipt of prestigious awards such as the Engie "I Save Life" Award of 2022 underscore my dedication to continuous learning and professional development.

I am particularly drawn to company's reputation for innovation and commitment to excellence. I am eager to leverage my skills and expertise to contribute to your projects and help drive the company towards its goals.

Thank you for considering my application. I am looking forward to the opportunity to discuss how my background, skills, and enthusiasm align with the needs of your team. Please find my LinkedIn profile for further insight into my professional experience.

Warm regards,
Suhail P.T