

QS & ESTIMATION ENGINEER

(Transferrable IQAMA & Saudi Council of Engineers Approved Mechanical Engineer)

MOHAMED IBRAHIM. P

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CAREER OBJECTIVES

- Holding 7+ Years of Experience in **Mechanical Engineer (Executing / Planning / Estimating / Quantity Survey)** in EPC Projects in field of Infrastructure, Power and Oil & Gas Plants activities of preventive and Maintenance, troubleshooting, repairing & testing the all-Storage Tanks & mechanical equipment such as valves & Pumps, Heat Exchangers, Actuators etc also all supervisory activities to Improve Company Quality of Service as per API and ASME standards.
- Leading the complete T&I of various Storage Tanks & Pipelines as per ARAMCO standards.
- Creating baseline using primavera P6, tracking & complete execution of the complete scope as per client target.
- Knowledge about all types of Safety Valves, Mechanical valves and Centrifugal Pump, and Actuators etc.
- Working with Safe PTW, MSDS , TBT maintaining
- Co-ordination with maintenance team for Preventive maintenance as per OEM recommendation.
- Record Inventory for Spares arrangement towards future maintenance.
- Well Mechanical Knowledge about Fabrication & Welding

JOB RESPONSIBILITY

- Responsible for Estimating the following:
 - **MECHANICAL**
 - a. Water Supply
 - b. Storm Water / Drainage
 - c. Fire Protection and District cooling networks with associated Pumping Station / Plants complete with equipment's control and instrumentation.
 - **ELECTRICAL DISTRIBUTION NETWORKS**
 - d. MV / LV Primary and secondary sub station

- e. HV & MV Cable Works Street lights associated control.
- **ELV INFRASTRUCTURE SYSTEM.**
 - f. CCTV System
 - g. Power Management
 - h. SCADA / PLC System
 - i. Fiber Optic Cable Works
- **HVAC SERVICES.**
 - j. District Cooling Plants with Equipment's, Control and Plant Manager with Remote Integration
 - k. Chillers (Air-cooled & Water cooled)
 - l. Cooling Towers
 - m. Heat Exchangers
 - n. Chilled Water Pumping Stations
 - o. PLC/SCADA Systems
 - p. Air handling units, Ecology units & Fan coil units
 - q. Stair-case pressurization system
 - r. Duct System (Metal, Pre insulated, Fabric etc)
 - s. Smoke Vents
 - t. External Pre-insulated piping with leak detection.
 - u. RF, Split & Package AC Units
- **PLUMBING & DRAINAGE WORKS**
 - v. Pumping stations (Booster Pumps & Submersible Pumps)
 - w. Sewage Treatment Plants
 - x. Grey water systems
 - y. Reverse Osmosis Plant
 - z. Water Filtration systems
 - aa. Fuel oil & Gas Systems
 - bb. Boilers & Calorifier Systems
 - cc. Solar Systems
 - dd. All types of internal & external Piping for plumbing and drainage
Sanitaryware & Accessories
- **FIRE FIGHTING SYSTEMS**
 - ee. Fire Pump rooms / Pumping stations
 - ff. Sprinkler systems (Standard, ELO, ESFR, In Rack Etc)

- gg. Fire Hose reel & Wet riser systems
- hh. FM200, NOVEC1230, Aerosol System, etc.
- ii. Foam & Deluge Systems
- jj. External Fire Hydrants and associated piping
- accurate forecasting of corporate needs and its expenses and implementing policies to manage such policies.
- Responsible for reviewing the complete scope of work and Planning for activities.
- Responsible for Preparing BOQ, BOM, Manpower & Equipment's also considering Cost controlling for executing the scope.
- Responsible for developing all engineering drawings for scheduled project at maximum cost-effectiveness.
- Responsible for preparing Hydro test, Vacuum test, Pneumatic test procedure which compliance as per standard.
- Responsible for preparing Technical cum Commercial proposals as a Final Product and submitting in accordance to meet the client's needs to understand before its deadline.
- Conducting & reviewing initial inspection required for pre T&I.
- Conducting daily, weekly & Monthly performance meetings & stimulating the team by exploring their creativity in execution.
- Supporting QC activities for QC Team with zero compromise as per ARAMCO standards.
- Supporting clients by means of their emergency requirements if any.
- Enhancing the team by maintaining high level safety while execution.
- Creating & Reviewing Invoice plan & Follow-up.

LIST OF PROJECTS & SHUTDOWN UNDERGONE

- LFC-Tanks Maintenance Services in **SAUDI ARAMCO-WRTD**, Jeddah and conducted T&I for Seven Tanks ranges from 18.5m to 73.17m in diameter.
- LFC-Pipeline Projects Conducted Complete T&I for SAUDI ARAMCO-WRTD-Marine Berth#1, Jeddah from 4" to 48" in diameter (Various Fuel like Kerosene, Premium Gasoline-91, Fuel Oil, Desalinated & Potable Water Line).
- STEAM TURBINE GENERATOR (SIEMENS MACHINE) in **ALEZZEL POWER COMPANY** from **DEC 2019 to JAN 2020** and achieved the lead for two shutdown continuously.

- GASTURBINE OVERHAULING (SIEMENS GT94.2) in **AL EZZEL O&M COMPANY** at **NOV 2018**.
- GASTURBINE OVERHAULING (GE 9FA) in **AL DUR POWER&WATER PLANT** at **DEC 2018**.
- AIR COMPRESSOR OVERHAULING (ATLAS COPCO) in **ALBA** from **OCT 2020 to FEB 2021** in various compressor station such as 2, 3, 4 respectively.

EXPERIENCE DETAILS

CLIENT: NEOM, Royal Commission, Roshn Housing & SWPC.

MAIN CONTRACTOR: ABYATONA DEVELOPMENT CONTRACTING COMPANY- SENIOR QS/ESTIMATION ENGINEER

JAN 2024- Till Date working in Saudi Arabia

Key Responsibilities:

- Preparing detailed Bills of Quantities (BOQ) based on project drawings and specifications for projects ranging from SAR 100 million to SAR 1.4 billion in value.
- Developing basic design concepts, selecting appropriate materials, and configuring complete project scopes for infrastructure and cross-country pipeline projects.
- Conducting comprehensive project estimation, covering both direct and indirect costs.
- Collaborating closely with project teams to ensure accurate cost analysis, risk assessment, and budget control throughout all project phases.

CLIENT: SAUDI ARAMCO-Western Region Terminal Department, Jeddah

MAIN CONTRACTOR: DYNAMIC PROJECTS CONTRACTING COMPANY-PROJECT/ESTIMATION ENGINEER

ARAMCO ID-8583723 (MAY 2022- JAN 2024)

- Involved in various SAUDI ARAMCO projects, including bidding for Master Service Agreements (MSA) for Tanks, Pipeline Repair & Reconditioning, Heat Exchangers, and Boilers across various LFC and MFCs.
- Led project estimation efforts for various valuable projects, focusing on accurate cost assessments, scope analysis, and budgeting.

- Managed and executed the “Tanks Maintenance Services Contract #6600048647” as the project engineer under a Long Firm Contract, handling execution for projects valued up to SAR 200 million.
- Oversaw major Tank and Pipeline Maintenance and Inspection (T&I) activities, including completed and ongoing work on Tank #102, Tank #287, Tank #05, Tank #17, Tank #105, Tank #03, Tank #151, and MB#1.
- Acted as the Project Manager for five months in the absence of the assigned PM, ensuring smooth project execution, timely decision-making, and coordination between teams and stakeholders.

CLIENT: ALBA, ALDUR & ALEZZEL

MAIN CONTRACTOR: POWERTECH DEVELOPMENT–MAINTENANCE SUPERVISOR/Jr.

VIBRATION ANALYST

OCTOBER 2018- MARCH 2022

- Extensive field experience with excellent skills in working with various mechanical equipment’s as(All types of Valves, Actuators, Gear Box, Pumps, Travelling Screen, Compressor and all type of Rotating equipment’s)
- Overhauling of Gate Valves, Butterfly valves, Non Return Valves ranges from 2” to 24”
- Overhauling of InterApp Actuator’s(IA250 D, IA350 D, IA450 D, IA650 D & IA700 D) & reciprocating Rotork Actuators.
- Experience of different types of rotating equipment such as turbine generators, pumps and Gear Box
- To do Co-ordinate with Technicians to get the report of Valves and Pumps in need of Spare parts and Trouble Shooting to get repaired.
- Providing training and development skills to the Technicians & Supporting Workers.
- Both Online & Offline Testing of safety valves.
- Tool Box Talk to the Technicians about the HSE Policy
- Provide proper training to the Workers such as Confined Space, H₂S Gas, Heat Stress Management.

PERSONAL DETAILS

SCE MEMBERSHIP ID : 937377(Valid Membership)
EDUCATIONAL QUALIFICATION : **UG - B.E (MECHANICAL ENGINEERING)**
SOFTWARE SKILLS : PRIMAVERA P6, PLANSWIFT, MSP, CATIA V5, MS-OFFICE.
KNOWN LANGUAGES : ENGLISH (READ, WRITE & SPEAK)
TAMIL (READ, WRITE & SPEAK)
HINDI (SPEAK)

DECLARATION

I hereby declare that the above said information's are true to the best of my knowledge and belief.

Yours truly

(MOHAMED IBRAHIM P)



بورتياك للتطوير ذ.م.م.
Power Tech Development w.L.L.



Power, Desalination, Refinery, Utilities Plants Operation and Maintenance Service Provider, Technical Manpower Supply, Power Plant Engineering Solutions, Industrial Safety & Training Solutions

30th April 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Mohamed Ibrahim Peer Mohamed bearing CPR # 970825307 worked with our organization in the position of "Mechanical Supervisor" from 31st October 2018 to 7th March 2022.

His performance was good during the working period with us. His conduct and character was satisfactory.

We wish him all the best in his future endeavors.

For Powertech Development

Shaik Abdul Khader
Manager - HR



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Anna University



Reg.No. 210414114092/RG

The Syndicate of the Anna University hereby makes known that
MOHAMED IBRAHIM P *has been admitted to the* **DEGREE OF BACHELOR OF ENGINEERING in MECHANICAL ENGINEERING** *under the Faculty of Mechanical Engineering, having completed the prescribed programme of study and having been certified by the duly appointed examiners to be qualified to receive the same, and has been placed in* **FIRST CLASS** *at the Examination held in* **APRIL 2018** .

Given under the Seal of the University



Chennai 600 025
India
December 2018


Controller of Examinations


Registrar


Vice-Chancellor



VERIFIED AND AUTHENTICATED

A. K. Valarmathi **آية أميرة**
A.L. VALARMATHI
 UNDER SECRETARY TO GOVERNMENT
 PUBLIC FOREIGNERS DEPARTMENT
 GOVERNMENT OF KERALA NABU
 CHENNAI-600 019, INDIA

Cevt. Lt. No: 5144... Dt: 12.8.22
 Ref VERIFIED witnessed
 To 1000085472201d-3-822

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22.8.22



GLIDE: 536088

التفويض والتوقيع دون مسئوليتها
الرقم: 11



اسماعيل بن احمد آل مرظمة
Ismail Ahmed A. Al Northmah

Handwritten signature in red ink



SV/434/Sayda

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هوية مقيم
رقم النسخة ١

المملكة العربية السعودية
وزارة الداخلية

محمد ابراهيم بير محمد
MOHAMED IBRAHIM PEER MOHAMED

رقم الهوية: ٢٥٤٤٢٠٤٧٥٩ تاريخ الانتهاء: ٢٠٢٥/٠٥/٢٠
تاريخ الميلاد: ١٩٩٧/٠٨/٢١ مكان الميلاد: الهند
الجنسية: الهند الديانة: الاسلام
المهنة: مهندس ميكانيكي
هوية صاحب العمل: ٧٠٠٥٧٤٠٣٧٣
مكان الإصدار: شركة العلم لامن المعلومات
مكان العمل: منطقة الرياض
اسم صاحب العمل: شركة ابياتنا التطويرية للمقاولات

يجب التحقق من الرمز السريع قبل اعتماد التعامل مع الهوية

2544204759

KINGDOM OF SAUDI ARABIA
MINISTRY OF INTERIOR

المملكة العربية السعودية
وزارة الداخلية

رخصة سياقة
DRIVING LICENSE

MOHAMED IBRAHIM PEER MOHAMED
محمد ابراهيم بير محمد

VER 1 النسخة ٢٥٤٤٢٠٤٧٥٩ الرقم
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CAT PRIVATE النوع خاصة
NAL INDIA الجنسية الهند
2544204759
RESTR 3 القيود فصيلة الدم B-G O+

Membership no.: 937377

عضوية رقم 937377

اعتماد مهني
Certificate
Professional Accreditation

In accordance with the Regulations of Saudi Council of Engineers by
Royal Decree M/36 Date 26/9/1423H and the Engineering Professions
Practice Regulation by Royal Decree M/36 Date 19/4/1438 H.
SCE has approved:

استناداً إلى نظام الهيئة السعودية للمهندسين الصادر بالمرسوم
الملكي رقم م/٣٦ وتاريخ ٢٦/٩/١٤٢٣هـ ونظام مزاولة المهنة الهندسية
الصادر بالمرسوم الملكي م/٣٦ وتاريخ ١٩/٤/١٤٣٨هـ ولانحته التنفيذية
فقد قررت الهيئة اعتماد:

MOHAMED

محمد ابراهيم بير محمد

Membership Category: Engineer

فئة العضوية: مهندس

Specialization: Mechanical Engineering

التخصص: هندسة ميكانيكية

Membership Start Date: 4/30/2023

تاريخ بداية العضوية: 4/30/2023



This Certification is valid until: 30 April 2024

هذه الشهادة صالحة إلى تاريخ: 22 شوال 1445

الأمين العام Secretary General

المكلف / م. عبدالناصر بن سيف عبداللطيف