

## **Terin Varghese C-Project Engineer**

**BE Mechanical engineering**

**Address: presently in KSA**

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**Company Email: [tvarghese@lakesmere.com](mailto:tvarghese@lakesmere.com)**

**Linked In Profile: <https://www.linkedin.com/>**



### **SOFTWARE SKILLS**

- AutoCAD
- Ansys
- Edge Cam
- Primavera
- MS Office & Project

### **PERSONAL DETAILS**

**Name: Terin Varghese C**

**Fathers Name: CK Varghese**

**Telephone: 914872501234(H)**

**Nationality: Indian**

**Religion: Christian**

**D.O.B: 29/05/1987**

**Marital Status: Married**

**Language**

**Proficiency: English, Malayalam  
Hindi & Tamil**

**Driving**

**License: Qatar, Saudi & India**

### **PASSPORT DETAILS**

**Passport No: G9189548**

**Date of issue: 07/05/2008**

**Date of expiry: 06/07/2018**

**Date of issue: Cochin**

### **PERMANENT ADDRESS**

**Terin Varghese c  
Cheruvathoor House  
Orumanayoor Post  
Thrissur Dist  
Kerala State  
Pin-680512-India**

### **OBJECTIVE**

*To synchronize my professional knowledge, experience and skills with the organizational requirements to ensure mutual gains. Enjoy accepting challenges and learning new skills' look forward to work efficaciously in your esteemed organization.*

### **SPECIALTIES**

*A professional and skilled with **6 years** of experience In Construction of new Industrial plants, Includes Design, fabrication, installation and inspection of CS/MS/SS Piping for Natural gas, Compressed air, feed water, hot & cold water for Utilities & industrial plants, Steel Fabrication. large infrastructure erection, Maintenance of Rotating and static equipment's, Installation, testing & commissioning of HVAC systems, Tanks and Equipment's fabrication related to Oil Refinery and Plant Construction Promplan cladding and Kalzip/Ziplok roof sheeting. Quality Control Inspection and Site safety procedure awareness.*

*Skilled in cost engineering, estimation and cost management, testing, construction, field engineering works and pre-commissioning activities.*

*Familiar with international standards and codes ASNT, ASTM, BS, ASME Sec IX, II, V, B31.3, B16.5 and API 570, 571, 574, 578 & 577.*

*Dedicated with positive attitude, ability to work independently, analyze and solve site problems with outstanding performance and ability to communicate with clients and co-employee.*

### **ACADEMIC PROFILE**

**Bachelor of Engineering (B.E) in Mechanical** with First Class (2004 -2008) Anna University, India

**ASNT Level II-RT, UT, MPT & LPT (2008)**

### **PROFESSIONAL EXPERIENCE**

#### **LAKESMERE LTD**

**Dec 2012 to till date**

**Jeddah, Kingdom of Saudi Arabia**

**[www.lakesmere.com](http://www.lakesmere.com)**

**Position Held: Project Engineer**

**Project:** King AbdulAziz International Airport Development Project (phase1)

**Location:** Jeddah

**Project Cost:** USD. 70 million

**Client:** Saudi Bin Laden Group (SBG)

**Consultant:** Dar Al-Handasah

Master Plan embraces development in three phases to 2035, when ultimate capacity could reach 70 - 80 Million Annual Passengers (MAP), still using the existing three runways. The strategy follows a "just in time" approach, to ensure the correct balance of capacity, quality of service and cost, providing, in effect, a new airport created within the existing boundary. One of the advantages of such a large existing land area is to allow the plan to proceed hydrant network.

#### **Field:-Steel structure**

Design, Fabrication & Erection of heavy steel structure and Roof cladding activities.

Includes more than 10000ton of steel and 230000m2 roofing

#### **Responsibilities:**

- Involved on Co-ordinated design check, preparation material submittals, project execution, including preparation of project program schedule, manpower planning, scheduling, material procurements, Co-ordination and liaison with main contractor/consultant/clients and testing/commissioning.



- Plan and coordinate all project activities including the provision of design and technical information, ensuring delivery within schedule and manpower budget.
- Develop Man-Hour estimate and coordinate with the project manager to achieve the plan according to the schedule.
- Preparation and submittals of material's submittal to consultant for the approval.
- Planning & scheduling of daily site activities and executing with the entire satisfaction of Client/Consultant.
- Ensuring work completion in accordance with the latest revision of issued for construction drawings, specifications, Request for inspection (RFI's) and other information.
- Prepare the materials and drawings log sheet and follow up on weekly basis.
- Control the manpower, materials and equipment usage.
- Planning and scheduling works to Crew Coordinate with the Project Manager, Technical department, and QA/QC department for the daily site activities and inspection.
- Involved in the fabrication and installation activities.
- Involved in the inspection activities-survey, bolt tightening, painting, NDT and finishing works.
- Order, inspect, and verify quantity and quality of materials delivered to site.
- Carry out all activities of Safety to ensure all personnel adhere to safety requirements and that a safe work place is provided and kept for all personnel.
- Preparation of daily / monthly site reports/invoices.
- Coordinate with procurement, logistic team and vendors for timely deliveries.
- Ensuring that all set targets are achieved.
- Supervise site and crew to ensure completion of the work to schedule, budget and specifications.
- Managed multiple projects and prioritized with changing requirements
- Well understanding of EPC environment and standards.
- Coordinate the cost, schedule and progress reporting processes on the project.
- Monitoring & following all the HSE policies of company's & Client.
- Attend monthly meeting to discuss project progress.
- Responsible for final project close out and hand over.

### **PENINSULAR PETROTECH ENGINEERING**

*Doha-Qatar*

[www.teyseergroup.com](http://www.teyseergroup.com)

**Position Held: Project Engineer**

**Dec 2009 to Sept 2012**



*A Member of Teyseer Group*

- |                     |   |
|---------------------|---|
| <b>Project:</b>     | Installation and Commissioning of Twin shaft vertical Kiln Lime Calcined Plant-Direct Crossover Channel CIM-TD 2* 275tpd. |
| <b>Client:</b>      | Qatar Steel Company   |
| <b>Designed by:</b> | Cimprogetti   |
| <b>Project:</b>     | Installation and commissioning of hydraulic unit and blowers for Lime calcined plant.                                     |
| <b>Client:</b>      | Qatar Steel Company   |
| <b>Designed by:</b> | Cimprogetti   |
| <b>Project:</b>     | Installation & Commissioning of Dust Conveying Plant for Electric Furnace in DR-2   |
| <b>Client:</b>      | Qatar Steel Company   |
| <b>Project:</b>     | Fabrication and Installation of Natural Gas, portable water, Compressed air & Nitrogen line for Lime Calcined Plant       |
| <b>Client:</b>      | Qatar Steel Company   |
| <b>Project:</b>     | Design, Fabrication and Installation of Cyclone separator for water treatment plant                                       |
| <b>Client:</b>      | Qatar Steel Company   |
| <b>Project:</b>     | New Doha International Airport –Steel structure erection  |
| <b>Client:</b>      | Qatar Civil Aviation Authority  |
| <b>Consultant:</b>  | Bechtel International   |
| <b>Contractor:</b>  | ADCC JV   |
| <b>Project:</b>     | Erection of heavy Steel Structure at NDIA Passenger Terminal Building   |
| <b>Client:</b>      | Qatar Civil Aviation Authority  |
| <b>Consultant:</b>  | Bechtel International   |

### **Responsibilities:**

- Plan, organize and start-up of the project, developing construction procedure and developing construction cost and schedule.
- Prepare method statement for successful execution of the project
- Ensure that assigned project has adequate resources and toll/equipment to meet project schedule.

- Responsible for the project procurement, installation and commissioning of projects.
- Check the material test certificate (MTC) as per project specification.
- Provide support to construction department by the receiving of technical submittals, technical queries and the production of design change noted (DCN)
- Ensure the project team is adhering to the safety standards
- Make daily, weekly and monthly progress report to analyze the project status.
- Make monthly invoice depend upon the progress of the projects.
- Monitor the timely completion and response of technical queries (NCR).
- Engage the client positively for timely resolution of technical issues.
- Communicate project objectives to the engineering team and other disciplines.
- Ensure engineering activities are performed according to the project schedule.
- Maintaining organized and detailed project records.
- Project control as per documented procedures.
- Supervising, inspecting and monitoring of project.
- To report to project manager regarding the progress of the project.
- Attend the project progress meeting.
- Visual inspection of different lines as per isometrics, for final release. Visual inspection of steam tracing line, weld integrity, piping alignments and other piping works during fabrication and installation
- Witness tests pneumatic or hydraulic test on pipes, tanks, exchangers etc.
- Follow up with non-destructive testing.
- Assist in the preparation of project as built drawing and project final close out documents.
- Ensure no more problems during commissioning, if there is, will solve it project team.
- Submit invoices of Company to client each month and prepare claims.
- Submit daily, weekly, monthly and check list reports, & generate two week look ahead for each week.

#### **APOLLO TYRES LTD-INDIA**

**Sept 2008 to Sept 2009**

**Kerala-India**

[www.apollotyres.com](http://www.apollotyres.com)

**Position Held: Mechanical Maintenance engineer**



**Rotating Equipment:** Boiler feed water pumps, Vertical & Horizontal Centrifugal water pumps, vacuum pumps, Reciprocating Pumps, Rotary pumps, Centrifugal Air Compressors, Induced draft fan & force draft fan, BOM Tyre curing presses ranges 32” to 65”(tilt back type motion curing press, slide back type motion curing press and complete vertical motion curing press).

**Static:** Pressure vessels (Drums, Columns, Reactors, Filters, Strainers), Safety and Relief Valves, Steam Traps(Ball and thermo dynamic), Pressure Flanges, Fittings, Piping Systems Includes of water system like hot water, process cooling water, ejector cooling water, chilled water & hydraulic water, bolts and Nuts, Gaskets, hoses, mechanical seal, bearings, piston cylinder & sleeves, pump shaft etc.

**Industrial Valves** – Pressure Control valves, Ball Valves, Diaphragm valves, piston valve, Gate Valves, Globe Valves, Check Valves, Plug Valves, Pressure Safety relief Valves, Butterfly Valves, Needle valve.

#### **Responsibilities:**

- Acquired sound knowledge in mechanical maintenance of tyre curing presses, Rotating & stationary equipment's, Pneumatic & control valves and Deaerator operation etc.
- Carryout daily preventive maintenance (oil level, leakage, pressure drop, temperature drop & abnormal vibration).
- Pump bearing piston, mechanical seal & impeller change for both horizontal and vertical multistage pump.
- Priming of pump.
- Maintenance of all mechanical machines.
- Experience in equipment's trouble shooting.
- New and existing pump and motor alignment & installation.
- New piping and fitting installation for steam and hydraulic line.
- Preparation of specific task list for individual equipment's to create / update the task list and maintenance plan.
- Manpower & equipment forecast and resource allocation.
- Prepares daily report for the maintenance department and record in SAP.

- Follow up maintenance procedures break down maintenance, preventive maintenance, planned maintenance and its Corresponding logging.
- Arrangement of man power allocation, machine scheduling, material planning and its corresponding follow-up.
- Make maintenance planning for the upcoming breakdown.
- To raise PR and follow-up of same.
- Acquired knowledge in SAP front end user.
- Well versed in SAP-PM & MM modules for the maintenance scheduling of PM and corrective work orders including spare parts identification and procurement.

**EXCELLENT SHIP BUILDERS**

**June 2008 to Sept 2008**

***COCHIN SHIPYARD LTD***

***Kerala-India***

**Position Held: Fabrication Engineer**

**Responsibilities:**

- Acquired sound knowledge in mechanical maintenance of tyre curing presses, centrifugal pumps, deaerator operation, Pneumatic and solenoid valves, etc.
- Develop, Analyze and enhance manufacturing methods with the application of designing knowledge, materials, tools and Production equipment.
- Perform the task of supporting in fabrication manufacturing activities with special emphasis to quality and accuracy.
- Check the material test certificate (MTC) as per ASME sec II part A and Part B, whether it is matched with specification or not.
- Supervising, inspecting and monitoring of projects.
- Provide support to construction department by the receiving of technical submittals, technical queries and the production of design change noted (DCN).
- Handle the tasks of developing management for optional cost-effective satisfaction.
- Perform responsibilities of giving direction to fabrication technicians to ensure efficiency and reliability of equipment.
- Monitor the timely completion and response of technical queries (NCR).
- Follow up with Non Destructive Testing methods.
- To report to Project Manager, regarding the progress of projects.
- Ensure engineering activities are performed according to the project specification and design.
- Responsible for hand over the projects on time.

**DECLARATION**

I hereby declare that the information furnished above is true to the best of my knowledge.

**Terin Varghese C**