

# RENJITH V JACOB



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## **CAREER OBJECTIVE**

To work in an inspiring and challenging environment so as to contribute the best of my engineering knowledge and experience gained as **Mechanical Engineer** and to further develop my knowledge and exposure to new technologies and ideas while working with an eminent organization.

**EXPERIENCE: 4.3 years of experience as a Mechanical Engineer-MEP in Qatar and 2 + years experience India in Mechanical Services (PLUMBING, DRAINAGE, FIREFIGHTING, HVAC, SWIMMING POOLS & FOUNTAINS, Commercial Reticulated LPG System)**

## **QUALIFICATION:**

<b>Academic</b>	:	<ul style="list-style-type: none"><li>➤ B.Tech in Mechanical Engineering From M.G University, Kerala, India ( 2005-2009).</li><li>➤ Certificate in AutoCAD 2010</li><li>➤ Certificate in Primavera P.6</li><li>➤ Certificate in HVAC Design- ( HAP – heat load calculations)</li><li>➤ Certificate in Non Destructive Testing</li></ul>
<b>Main Academic Project</b>	:	Designing of slipway of the vessels up to 350T capacity and 4.5m draft.

## **Professional Summary:-**

Possess good experience in Building Mechanical services Projects Procurement, Execution, Inspections, QA/QC activities, Testing and Commissioning for HVAC , Plumbing, Drainage, Fire fighting, Swimming Pool & Fountains . Having 4 .3 years working experience in Qatar and 2 + years experience in India.

### **Present Employment summary :**

Working with **ST. Gregorios Medical Mission Hospital , International Cancer care centre & Multi Speciality Hospital Parumala P.O – Kerala** as **Assistant Manager – MEP ( Operations and Maintenance)** from **February 2018 to till Date.**

### **Job Profile:**

- Operation and Maintenance of HVAC .
- Operation and Maintenance of Plumbing and Fire Fighting.
- Operation and Maintenance of STP, WTP, RO Plant.
- Operation and Maintenance of HNS pumps .
- Operation and Maintenance of Chilled water pumps and Fire Pumps.
- Operation and Maintenance of DG sets, Transformers and UPS systems.
- Operation and Maintenance of Lifts and Dumb waiters.
- Manages and directs the activities of the Plant Operations.
- Maintaining Log books , Check lists and PPM Schedules for Mechanical and Electrical systems.
- Responsible to handle the shifts independently on all Engineering related matters..
- To Ensure timely and accurate completion FM reports pertaining to assigned Facilities.
- Assist in providing Comprehensive facility, contract and procurement management for technical services.
- Assist the Chief Engineer to review the maintenance / service practices of M & E Contractors to deliver quality work practices in line with the manufacturer recommendations.
- Monitoring AMC contractors for mechanical and electrical systems.

### **Previous Employment summary**

**Indane LPG Agency , Indane Star Distributor ,Thiruvalla, Kerala as Technical Support**

**Engineer** in Commercial and Domestic LPG Sales and Installation from **February 2017 to Dec2017.**

### **Job Profile : -**

1. Monitoring Commercial and Domestic installation activities in Flats, hospitals and Hotels.
2. Provide thorough support and problem resolution for customers.
3. Informed customers about issue resolution progress.

## Previous Employment summary



Working with *Imperial Trading and Contracting Co. WLL*, (ITCC) Doha, Qatar, an ISO certified, Grade "A" Contracting Company as **Mechanical Engineer in MEP** Div from September **2012** to December **2016**.

Previous involved(2013 to 2016) in the Procurement, Execution, Testing and Commissioning of **Construction, Completion and Maintenance of Commercial Plaza, Children's Mall project for KATARARA** (Qatar's First Ever Open-air Air Conditioned Commercial Plaza), Project Value: 480 Million Qatar Riyal, (175 Million Qatar Riyal – MEP).Total Outdoor cooling Capacity is 4200 TR and 1980 TR for Buildings.

**Consultant : KEO International Consultant (KEO) Qatar.**

### **Job Profile:-**

- Lead a team of more than 100 professionals (Sub Engineers, Supervisors, Foremen, Technicians etc) and subcontractors.
- Monitoring the Site Progress and submitting weekly/monthly report to Consultant/Client.
- Preparing Engineering submittals, Review consultant comments & rectify.
- Attending site inspection, Material Inspections , NCR closing & snag list closing inspection with consultant.
- Fire Fighting Executions as per NFPA codes.
- Prepare Method Statement, ITP , Testing & Commissioning (T&C) report.
- Out Door Air condition system Implementations (Qatar's First Ever Open-air Air Condition System in Katarara).
- Supervising Installation of Plumbing and drainage piping, Ducting, Chilled water piping with valves ,Fire piping with sprinklers, zone control valves, PRV system, Hose reel system, Landing valve, Breeching inlet ,FM 200 system and Swimming pool & fountain piping system.
- Testing & Commissioning for Booster pumps , Hot water circulating pumps, Commercial water heaters, Submersible pumps ,Chilled water pumps, Fire pumps, Air Handling units, and Fresh air handling units.

- Design shop drawings for HVAC system.
- Installation of PRV system for Plumbing , Air dirt Separator for chiller water ,AHU supply fans and Cooling coils .
- Co-ordination with the Client, Architect, the various requirements and modify the design to match the same.
- Coordinate with other Project Personnel to ensure that deadline, procedures and other Project requirements.
- Calculate the pump head calculation and water demand calculation
- Calculate the storm drainage Calculation.
- Conducted Testing & commissioning based on the test procedures and got the System Signed off/Approval from consultant.
- Supervision of Preparation of red line and as built drawings for future maintenance services
- Coordinate with Installation of Elevator and Escalators (KONE) Contractors.

Previous involved ( **2012 to 2013**) in the Procurement, Execution, Testing and Commissioning of ***Construction and Manitenance of Ashghal (Qatar Government)Ten Kindergarten school package KG- 50 at Doha Qatar.***( Project value: 70 Million Qatar Riyal).

**Consultant : ARAB ENGINEERING BUREAU (AEB) QATAR.**

**Job Profile:-**

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- Lead a team of more than 100 professionals (Sub Engineers, Supervisors, Foremen, Technicians etc) and subcontractors.
- Monitoring the Site Progress and submitting weekly/monthly report to Consultant/Client.
- Preparing Engineering submittals, Review consultant comments & rectify
- Attending site inspection, Material Inspections , NCR closing & snag list closing inspection with consultant.
- Fire Fighting executions as per NFPA codes.
- Prepare Method Statement, ITP , Testing & Commissioning (T&C) report
- Supervising Installation of Plumbing and drainage piping, Ducting, Fire dampers, Volume control dampers, Fire piping with Hose reel system, Breeching inlet ,Zone control valves and PRV stations.
- Testing &Commissioning for Booster pumps , Lift pumps, water heaters, Package Air Handling Units and Fire pumps.
- Co-ordination with the Client, Architect, the various requirements and modify the design to match the same.
- Coordinate with other Project Personnel to ensure that deadline, procedures and other Project requirements.
- Calculate the pump head calculation and water demand calculation
- Conducted Testing & commissioning based on the test procedures and got the System Signed off/Approval from consultant.
- Supervision of Preparation of red line and as built drawings for future maintenance services .

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### **Previous Employment summary**

Worked with ***Trainee HVAC Engineer***, in Air frame Aero designs PVT Ltd from March 2012 to June 2012.

The job profile included in independently handling the project including estimating of Heat losses and Heat gain load by using HAP software and Excel. Also trained in preparation of schematic layouts, sizing of piping and ductwork.

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Worked with ***Indane LPG Agency Thiruvalla, Kerala*** as ***Engineer – Sales*** in Commercial LPG system in Kerala from November 2009 to December 2011. Project associated with **Schools, Laboratories and Hotels.**

### **Job Profile**

- 1 Supervising Commercial LPG Installation activities for schools and laboratories.
- 2 Coordinate with installation activities like welding and installation of equipments.
- 3 Monitoring and control the installation on day to day activities.
- 4 Assist the Manager (LPG) to inspect the installation site.

### **PERSONAL DATA**

Date of Birth : 24th NOV 1987  
Gender : Male  
Marital Status : Married  
Nationality : Indian  
Father's Name : Jacob Varkey  
Languages Known : English, Malayalam, Hindi & Tamil  
Passport No : H4381116  
Date of Expiry : 06-09-2019

### **DECLARATION**

I do hereby declare that all the information mentioned above is true to the best of my knowledge and belief.

Place: THIRUVALLA

**RENJITH V JACOB**

