**Arun.371652@2freemail.com**GOPI V

Mechanical Engineering Professional (HVAC, Fire fighting & MEP)

Phone

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|  | **Summary** |  |  |
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|  | Profile: | Male, 27, Married |  |
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| Experience: | 5 + Years |  |
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| Nationality: | Indian |  |
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| Current Location: | Abu Dhabi |  |
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| **Computer Proficiency** | Current Position: | Mechanical Engineer (HVAC, Fire fighting & MEP) |  |
| AUTO-CAD, MS Office, | Company: | Envicon Emirates (NBHH) |  |
|  | Languages Known: | English, Hindi, Malayalam, Tamil |  |



**Work Experience**



July 2015 – Present

**ENVICON EMIRATES-UAE (NBHH Group)**

Working since July 2015 till date with Envicon Emirates at Abu Dhabi.

Envicon Emirates is an Electro-Mechanical Division of Nael & Bin Harmal Hydro export Establishment which is one of the Largest Construction Engineering and Management Firm in UAE

**Designation:** MECHANICAL ENGINEER (HVAC, FIRE FIGHTING & MEP)

**Client:** **Petrofac & ZADCO**

**Project:** **Upper Zakkum-750, Island surface facilitates Project-EPC2**

Upper Zakkum Project is an offshore oil & gas field project with 4 Artificial Islands for Oil Extraction and Processing. Our Scope is General Civil works, Piling Works, Pre-Engineered Buildings, Underground Piping, Fire fighting pipe lines, HVAC, Sea Water Intake & Outfall, and AOC Drainage Works.

Technical Responsibilities (Fire Fighting)

1. Fabrication & Execution of Piping / Structural works, Inspection of fabrication & Installation, o Fit-up Co-ordination with client's inspectors Co-ordination with in-house stores for material

follow up and tracking Progress monitoring & reporting Mechanical clearance for hydro testing, o Pneumatic testing

o Fire Fighting system (NOVEC system for control room & sprinkler system for other rooms) o Witness field testing as per ITPs

o Prepare Look Ahead Schedules for fabrication / erection and pressure testing of o Fire Fighting System, UG Piping and co-ordinate with client for the approval.

1. Studying the Fire Fighting System and instrument diagrams (P & IDs) and identifying the pipelines and systems.

o Supervision of UG Pipe erection for different piping systems.

1. Responsible for fieldwork monitoring and issuance of site instructions to work groups to highlight deficiency and expedite piping works with respect to target schedule
2. Identify equipment location as per general arrangement drawing and prepare layout and measurement. o Check installed piping components as per P & ID

o Instruments installed in Pipe lines are control valves, temperature transmitter, pressure transmitter, flow measuring differential transmitter, rotary equipments Etc.

o Preparation of Look ahead Schedules for Material, Manpower & Equipment. o Co-ordinate overall project execution plan to meet the targeted schedule.

o Checking the piping materials as per Codes and Process Standard Specifications. o Preparing Material Take Off list as per Isometric drawing.

o Inspection of shop fabrication of piping spools and supports. Visual inspection of plant piping and preparing Punch List after installation.

o Preparation Pressure Test Packages prior to pressure test. Preparation and clearing of o Punch items prior to pressure test.

o Prepare the documents activities and Test Packages

Technical Responsibilities (HVAC)

1. Get approved HVAC Shop Drawings, MEP- Coordination Drawings, Work method statement and Project Specification from Project Engineer.
2. Ensure the HVAC Ducts, Fittings, accessories and Child water pipes, fittings, accessories are available and approved by Inspection department prior to installation

o Ensure sufficient hand tools, power tools, ladder and scaffolding are available for installation

1. Coordinate with other discipline and ensure site clearance is available to start the HVAC Activities o Arrange the sufficient manpower such as Supervisor, Foreman, Duct fitter, pipe fitter, Assistant duct and pipe fitter etc.., and ensure all of them attended safety orientation and having proper PPE’s

prior start installation activities at site

o Provide approved HVAC Shop drawing, MEP Co-ordination Drawing to site supervisor (or) Foreman and inform them to shift the required ducting and piping approved material from warehouse to site and arrange required material to avoid progress delay.

o Prior to start HVAC activities notify to QC Personal for surveillance to ensure the quality work

1. Closely monitor site activities to ensure quality of work is in compliance with approved shop drawing and Specification and get daily progress report from site supervisor (or) foreman and update to project Engineer (or) Manager
2. Preparing relevant documents to conduct inspection for completed installation activities and raise RFI to QC-Inspector (To ensure that any activity offered for inspection has an attachment of IFC drawing, method statement (if required), Inspection & Test Plan (ITP) followed by check list)
3. Carry out all planned site inspections as per the intervention points marked in the relevant drawing and standard
4. Preparing the relevant documents to Conduct Testing inspection such as Duct light testing for Ducts and Hydro test for Above ground and Underground chilled water piping’s, systems.

Active involvement in weekly meetings with the Project management & QC Supervisor and manager to resolve the site related issues.

1. Assist the Commissioning Team in Pre-commissioning & Commissioning stages of all HVAC Equipment’s. o Assist the Commissioning Team on Testing, Adjusting & Balancing (TAB) stages of the Air and Hydraulic

Piping’s.

o Assist the Project Engineer during Preparation of final Test Reports, as built drawings, Operation & Maintenance, manual and handing over the project to client.

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| **DYNAMIC ENGINEERING** | **February 2013 – Jantuary 2015** |
| **Designation:** SITE INCHARGE |  |
| **Client:** | **Ultratech Cements Limited, Reddipalayam Cement Works,** |
| **Project:** | **Fire Fighting and MEP works** |  |

RESPONSIBILITIES

1. Planning and Preparations of weekly schedule

oAllocation of right execution team to right task

oPreparation of monthly running bill of completed job

oPreparation of bill of material from drawings

oLayout preparation for fabrication of structures like pipe rack gallery, conveyor galleries., Pipes, support installation

**Designation:** SITE INCHARGE

**Client:**

**Project:**

**Ultratech Cements Limited, Grinding Unit-Ratnagiri-Maharashtra Fire Fighting and MEP works**

**RESPONSIBILITIES**

1. Planning and Preparations of weekly schedule

oAllocation of right execution team to right task

oPreparation of monthly running bill of completed job

oPreparation of bill of material from drawings

oLayout preparation for fabrication of structures like pipe rack gallery, conveyor galleries., Pipes, support installation

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| **HAJEE AP BAVA & CO. ENGINEERING CONTRACTORS** | **Feb 2012- May 2013** |
| **Designation: SITE ENGINEER** |  |
| **Client:** | **Ultratech Cements Cochin bulk terminal (UTCL) W/Island kochi-03** |
| **Project:** | **5LPTA Cement packing, truck loading and** |  |
|  | **bulk loading- Fire fighting and MEP works.** |  |
| **HAJEE AP BAVA & CO. ENGINEERING CONTRACTORS** | **Nov 2011 – Feb 2012** |
| **Designation: SITE ENGINEER** |  |
| **Client:** | **Ultratech Cements Limited, Reddipalayam Cement Works** |
| **Project:** | **Cement packing, truck loading and** |  |
|  | **bulk loading- Fire fighting and MEP works** |  |



**Education**

**June 2008 – April 2011**

**June 2005 – March 2007**

B.E in Mechanical Engineering from Sasurie College of Engineering, Tirupur under affiliation of Anna University of Technology Coimbatore



ACADEMIC PROJECT

Design and Fabrication of Tesla Turbine.

DESCRIPTION: The project “DESIGN AND FABRICATION OF TESLA TURBINE” is a form ofturbine which is bladeless and commonly used in waste pump and blood pumping in heart.

Higher Secondary from S.S.M Higher Secondary School, Theyyalingal. Under state board, Kerala,

**Certifications**



o Petrofac permit Applicant- UAE

1. Offshore Oil field safety training at Emirates Technical & Safety Development Centre- Abu Dhabi

oHSE conference in Aditya Birla Group

oAttended One Lakh Safety Man Hour Meeting

oQA/QC- NDT-Level II & Oil field piping at INDUSCAN petroleum institute

**Reference**



1. Eng. Marwan Adil, Project Manager, Envicon Emirates

**Declaration**

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

Place: U A E

Date: