

ARAVIND UNNIKRISHNAN

MECHANICAL ENGINEER

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CAREER OBJECTIVE

To be a part of an organization where I can fully utilize my skills and make a significant contribution to the success of the employer and at the same time my individual growth.

WORK EXPERIENCE: -

GULF MEP SERVICES

(A DIVISION OF GULF GROUP HOLDING CO LLC, RAK, UAE)

From 12th May 2016 to 22nd Oct 2020.

Designation: MECHANICAL ENGINEER



BU ENGINEERING & INSPECTION PVT. LTD.

(An ISO 9001:2008 Certified Company), Faridabad from July 2013 to March 2016.

Designation: MECHANICAL ENGINEER.



MAJOR WORKS UNDERTAKEN

❖ GULF MEP SERVICES

SL NO	PROJECT	CUSTOMER/ CLIENT	CONSULTANT	WORKS
1	SHEIK KHALIFA HOSPITAL, RAK, UAE	SHEIK KHALIFA HOSPITAL	ARZ	<ul style="list-style-type: none">➤ REMOVAL OF EXISTING RETURN VAV & INSTALLTION OF SOUND PROOF EXHAUST FAN➤ INSTALLATION OF:9- HEPA FILTER➤ RELOCATION OF PRESSURE MONITOR DEVICE AND CONNECTED TO THE EXISTING BMS
2	HH SHEIH AHMED PALACE (B+G+L), RAK, UAE	HH SHEIKH AHMED	ACCOLADE	<ul style="list-style-type: none">➤ DESIGN & INSTALLATION OF CHILLED WATER SYSTEM (170TR) WITH FCU & FAHU➤ VENTILATION SYSTEM➤ INSTALLATION OF VRF CARRIER UNITS (50TR).
3	REFRIGERATION WORKS AT KHARAN & SHAM RAK NATIONAL MARKETS	RAK NATIONAL MARKET		<ul style="list-style-type: none">➤ INSTALLATION OF CHILLER UNITS FOR BUTCHERY & DELICATESSEN (BLITZER COMPRESSORS)

4	HVAC WORKS IN AL ASWAQ HYPER MARKET, KHATH, RAK, UAE	RAK NATIONAL MARKET	ARJAN	<u>AIR CONDITIONING WORKS</u> ➤ VRF DAIKIN UNITS (98HP) & CARRIER PACKAGE UNIT (50TR) INSTALLATION & COMMISSIONING ➤ CARRIER SPLIT AC UNITS INSTALLATION & COMMISSIONING ➤ VENTILATION SYSTEM <u>REFRIGERATION WORKS</u> ➤ BLITZER CHILLER & FREEZER COMPRESSOR RACKS ➤ GUNTNER CONDENSOR <u>COLD ROOM</u> ➤ BLITZER CONDENSOR UNITS INSTALLATION ➤ GUNTNER EVAPORATOR UNITS INSTALLATION <u>STAINLESS STEEL HANDRAIL WORKS</u> <u>SMOKE EXTRACTION SYSTEM INSTALLATION</u>
5	HVAC WORK IN RAK PORT, RAK, UAE	RAK PORT	IEC	➤ O GENERAL SPLIT AC INSTALLATION ➤ VENTILATION SYSTEM
6	HVAC WORK IN RAK MARITIME CITY, RAK, UAE	RAK PORT	IEC	➤ O GENERAL SPLIT & CASSETTE AC INSTALLATION ➤ VENTILATION SYSTEM
7	HVAC WORK IN AL ORAIBI HOSPITAL, RAK, UAE	AL ORAIBI HOSPITAL		➤ LG VRF UNIT -12HP
8	HVAC WORKS IN AL ASWAQ HYPER MARKET, MUNAI, RAK, UAE	RAK NATIONAL MARKET	ARJAN	<u>AIR CONDITIONING WORKS</u> ➤ VRF DAIKIN UNITS & CARRIER PACKAGE UNIT INSTALLATION & COMMISSIONING ➤ CARRIER SPLIT AC UNITS INSTALLATION & COMMISSIONING ➤ VENTILATION SYSTEM <u>REFRIGERATION WORKS</u> ➤ BLITZER CHILLER & FREEZER COMPRESSOR RACKS ➤ GUNTNER CONDENSOR <u>COLD ROOM</u> ➤ COPELAND CONDENSOR UNITS INSTALLATION ➤ GUNTNER ECO EVAPORATOR UNITS INSTALLATION <u>STAINLESS STEEL HANDRAIL WORKS</u> <u>SMOKE EXTRACTION SYSTEM INSTALLATION</u>
9	HVAC WORK FOR 8 VILLAS, RAK, UAE	SH. AHMED AL QASSIMI	DESIGNER	➤ MITSUBISHI SPLIT AC UNIT INSTALLATION
10	HVAC WORKS FOR AL ZAHRAWI OPERATION THEATER, RAK, UAE	SHEIKH AHMAD AL QASSIMI	HOSMAC	➤ CARRIER FAHU INSTALLATION ➤ CARRIER DUCTED SPLITS INSTALLATION
11	HVAC WORK IN MOSQUE, AL DAITH, RAK, UAE	SHEIKH AHMED AL QASSIMI	DESIGNER	➤ CARRIER PACKAGE AC UNITS INSTALLATION & COMMISSIONING

12	HVAC WORK IN AL ORAIBI HOSPITAL	SHEIKH AHMED AL QASSIMI	ALBONIAN	➤ CARRIER PACKAGE AC UNITS
13	VRF IN AL ZAHRAWI HOSPITAL, RAK, UAE	SHEIKH AHMED AL QASSIMI		➤ DAIKIN VRF INSTALLATION
14	VRF IN AL ASWAQ MARKET, KHARAN, RAK, UAE	RAK NATIONAL MARKET		➤ DAIKIN VRF INSTALLATION
15	JUMA AL MAJID EST ELECTRO MECH. WORKS HVAC SUB CONTRACT	JUMA AL MAJID EST		➤ MR. HAMAD SAEED VILLA, SPLIT AC INSTALLATION, TESTING & COMMISSIONING ➤ MR. ABDULLAH AHMAD OBAID AL TENAJI VILLA, GI DUCTING WORK ➤ MR. SALEM HAMAD KHAMIS AL ALEELY VILLA, GI DUCTING WORK
16	WATER CONNECTION OF EASY PACK CONVERTING -UTICO SUB CONTRACT	UTICO		➤ HDPE PIPING WORK ➤ MANUAL EXCAVATION ➤ NDRC

❖ BU ENGINEERING & INSPECTION PVT LTD.

- **Third party inspection works undertaken included: -**
 - RT done at elbows of pipe fittings at S&G, Haryana.
 - Inspection done on train brakes, wheels, axles at RV inspections.
 - MPI & UT done on lift parts at Hind gold, Kheripool.
 - UT done on crane shaft at Tractel.
- **Fabrication of HP Naphtha separator tanks at Indian refinery expansion project (IREP), BPCL Cochin.**
- **Fabrication, inspection and erection of Pressure vessels at IREP, BPCL Cochin.**
- **Assisted at LP piping work of Driplex water Engineering Ltd. at IREP, BPCL Cochin.**

Job Responsibility (GULF MEP SERVICES)

- Design & drafting of works coming under the scope of HVAC.
- Duct designing & supervision.
- Selection of air outlets
- Chilled water piping design & supervision.
- Equipment selection & estimation preparation for projects.
- Responsible for the preparation of BOQ for projects
- Review of material specifications / schedule & effectively achieve cost saving.
- Responsibility of maintenance of HVAC systems including VRF, Package & chiller units in our own sister concerns.
- Responsibility of maintenance of refrigeration system in all branches of RAK National Market (Aswaq).
- Co ordinate with supplier, customer & consultant for project related submissions, technical issues & approvals.
- Arrange technical training for technicians.
- Purchase of MEP requirements (including firefighting & HVAC items).
- Collect necessary information's regarding the requirements of a particular project and send enquiries using SAP-MM.

- Study the received quotations, prepare comparison, select the best quote and forward for lpo.
- Arrange meetings with vendors, and negotiate with them for a profitable procurement & better contracts.
- Study & review the quality & standard of the vendor supplies & take necessary actions on the basis of the study.
- Study civil drawings & suggest proper HVAC system required.
- Send quotation for HVAC projects, create proper & effective schedule for project.
- Procure all the necessities for the project.
- Carry out the project successfully within the allocated budget without compromising the quality of work.
- Coordinate with supervisors & foreman and ensure proper working conditions are available for avoiding delay in work.
- Monitor & ensure progress of works are carried out according to design specification, quality plan & safety standard and to report any discrepancy.
- Create projects in SAP- PS, get approval & make procurements through SAP-MM.

Job Responsibility (BU ENGINEERING)

- Monitoring the daily NDT activities being handled by 3rd Party NDT Agencies.
- Reviewing & approving of NDT procedures before submitting for Client approvals.
- Evaluating the NDT Technicians in regard to qualification and experience prior to client submission.
- Evaluating the NDT results and signing off the NDT reports.
- Interpreting RT Films
- Conducting surprise Audits of 3rd party NDT companies' operations at times for evaluating the performance of 3rd parties with regard to procedural requirements especially for Radiography.
- Training the NDT technicians and NDT coordinators to lead them for successful completion of applicable NDT methods.
- Raising and resolving any non-conformance reports.
- Stage wise inspection and its documentations.
- Work with the sub-contractors to manage the work progress, assist supervisor whenever required.
- Updating instrumental calibration and documenting certificate of inspection, measuring & test instruments/equipment etc.
- To visit the construction site daily to check whether all works, materials, equipments are in accordance with QA/QC program, Project drawing & specification.
- Organize, implement, conduct and manage the QA/QC Programs as per the Company's Quality Policy.
- Coordinate the document controls of technical submittals, drawings, etc with the Project Team and to ensure that the QA/QC validation has been done, to ensure their issue, amendments and recall of controlled documents.
- Verifying all fabrication and erection welding is performed in accordance with the Contract Documents and making necessary documents.
- Ensure that all inspections are performed in accordance with the project requirement, specification, acceptance criteria and international standards. Submission of all final reports to client.

EDUCATIONAL QUALIFICATION

- **B. Tech. - Mechanical Engineering (2009-2013)**
 Institute : Younus College of engineering & technology, Kerala.
 University/Board : Kerala University.
 Performance : Second Class.
 Percentage/CGPA: 60.7 %
- **Plus, Two - Computer Science (2006-2008)**
 Institute : TKM centenary public school, Kollam, Kerala.

University/Board : Central Board of Secondary Education.
Performance : First Class.
Percentage/GPA : 65%

➤ **10th Grade (2005-2006)**

Institute : Amritha Vidhyalayam, Kollam, Kerala, India
University/Board : ICSE.
Performance : First class
Percentage/GPA : 75%

ACADEMIC PROJECT

RAIL TRACK CRACK DETECTION USING IR SENSORS.

- Railway track crack detection using Infra-red transmitter and receiver.

SPECIALIZATION

- Familiar with ASHRAE codes.
- Familiar with CAD tools & Hourly Analysis Program (HAP).
- Familiar with Construction Drawings such as P&ID, Piping Isometrics, Equipment, Structural, GAD.
- Familiar with Material Inspection, dimensional check and documentation as per Construction Materials Standards such as ASTM / ASME SA 106, SA 515, SA 516, SA 105, SA 312, SA 240, SA 234 etc. and with ANSI standards of B 36.10, B16.5, B 16.9 etc.
- Thorough knowledge in Welding Standards of ASME Section IX and API 1104. Familiar with Welding Procedure Qualification, Welder Qualification, P numbers, Selection of Electrodes, Weld Visual Inspection etc.
- Fabrication of Piping, Structure, Pressure vessels and other Equipment, documentation of History Sheet, Test Pack Clearing etc.
- Certificate of ASNT LEVEL II in Ultrasonic Testing, Magnetic Particle Testing, Penetrant Testing and Radiographic Testing method of Non-Destructive Examination.

SOFTWARE SKILLS

- Computer proficiency with Microsoft Office
- SAP- MM & PS
- AutoCAD-intermediate,
- ERP
- Hourly Analysis Program- intermediate
- Solid works basic
- Basics of C++

INTERPERSONAL SKILL

- Excellent follow-up, time management, and problem resolution skills.
- Ability to rapidly build relationship and set up trust.
- Clear and effective communicator, attentive listener, and a team player.
- Good knowledge of designing.
- Good knowledge of psychometrics
- Good numeric ability.
- Honest & Hardworking & Disciplined and loyal
- Can accept responsibility.
- Quick decision making.

EXTRA CURRICULAR ACTIVITIES

- Won prizes during college and school sports meet
- Volunteered for collage technical fest Samyoga and Boltz.
- Participation in technical symposiums in our college.
- Player of College cricket team, captain of college Handball team.
- Played for Kollam handball district team & reserve in Kerala university handball team.

PERSONAL PROFILE

UAE DRIVING LICENSE	: 04.05.2017 TO 03.05.2027
PASSPORT NO.	: M0357536
PASSPORT VALIDITY	: 22/07/2014 TO 21/07/2024
LANGUAGES KNOWN	: ENGLISH, MALAYALAM AND HINDI.
PERMANENT ADDRESS	: Thylazhikathu veedu, Venad nagar-155, Kilikolloor, Kollam, Kerala State, India PIN-691 004

REFERENCE

UPON REQUEST

DECLARATION

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

ARAVIND.U. K
RAS AL KHAIMAH
10/11/2020