



SENIOR MECHANICAL ENGINEER(MEP)

UPDA Reg.No:23686, QCDD Approved

<https://www.linkedin.com/in/vishnu-prasad-821a93157>

Total GCC Experience: 7+ Years (Qatar & KSA)

PROFILE SUMMARY

A dynamic, highly motivated and result driven Mechanical Engineering Professional offering 8+ years of experience including + years of Middle East experience in design & site in MEP & HVAC Industry. Highly skilled in designing and testing mechanical systems. Proficient in utilizing CAD and conducting thorough feasibility studies to optimize efficiency and reduce costs.

WORK EXPERIENCE

SENIOR MECHANICAL ENGINEER

AL HAMRA KUWAIT COMPANY

May 2024
-Present

Riyadh
Saudi Arabia

Projects Ongoing:

1) MATOC in the Kingdom of Saudi Arabia

Consultant: U.S Army Corps of Engineers (USACE)
Client: Royal Saudi Naval Force (RSNF)

MECHANICAL ENGINEER

BLUE STAR QATAR WLL

Feb 2018
-Apr 2024

Doha,
State of Qatar

Projects Handled:

1) Construction for Kahramaa New Tower (5B+G+M+19+T)
Main Contractor: SEG.Qatar
Consultant: Engineering consultant Group (ECG)

2) Doha Live (Hotel+Retail)
Main Contractor: Redco constructions-Almana
Consultant: Al Baker Architects

3) RLCSF3-Epic for common cooling seawater system phase-3 project (RLIC)
Main Contractor: Med gulf
Consultant: TechnipFMC

4) Kahramaa 400/220KV Al Baraha super-1 substation
Main Contractor: Larsen & Toubro Limited
Consultant: WSP International

5) Kahramaa Phase -13 substation Packages
Main Contractor: Larsen & Toubro Limited
Consultant: Tractebel Engineering GmbH

 VISHNU PRASAD S

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VISA STATUS

Valid KSA Resident Permit

Passport: P2643531

DRIVING LICENSE

Valid Indian Driving License

AREAS OF EXPERTISE

- Mechanical Engineering
- MEP& HVAC Engineering
- HVAC System Design
- Site Supervision
- Material Selection and Testing
- BOQ Preparation
- Residential & Commercial Projects
- Technical Drawings & Blueprints
- Project Management
- Installation & Commissioning
- Central Cooling System
- Building control system
- Power Distribution
- Compressed Air System

- Fire Extinguishing Systems
- Chilled Water System
- HVAC Ducting System
- Heat Recovery Systems
- Thermal Insulations
- Equipment Assembly/Erection
- Load Calculations
- Piping Designs
- Control Design
- Preventive Maintenance
- Technical Trouble Shooting
- Safety Compliance
- Building Codes & Standards
- Documentation & Reporting
- Training & Development

EDUCATION

**Bachelor of Engineering in
Mechanical Engineering,
Anna University**

Tamil Nadu, India

Graduated
June 2016

SKILLS

- Good Communicator
- Time Management
- Planning & Organizing
- Pleasing Customer Service
- Critical & Creative Thinking
- Adaptability & Multi Tasking
- Attention to Detail
- Decision Making
- Professional Ethics

COMPUTER PROFICIENCY

AutoCAD

Windows

MS Office

Basic Computer Operations

MECHANICAL ENGINEER

PRIME MEP COMPANY

Kerala, India

Projects Handled:

- 1) Parisons Arcade-Kozhikode
- 2) Hill top Auditorium -Kozhikode

DUTIES & RESPONSIBILITIES

- Ensuring that all materials used and work performed are as per specifications
- Managing, monitoring and interpreting the contract design documents supplied by the client or architect.
- Liaising with any consultants, subcontractors, supervisors, planners, quantity surveyors and the general workforce involved in the project.
- Liaising with the local authority to ensure compliance with local construction regulations.
- Communicating with clients and their representatives (architects, engineers and surveyors), including attending regular meetings to keep them informed of progress.
- Day-to-day management of the site, including supervising and monitoring the site labor force and the work of any subcontractors.
- Planning the work and efficiently organizing the plant and site facilities in order to meet agreed deadlines.
- Overseeing quality control and health and safety matters on site.
- Preparing site progress reports as required.
- Resolving any unexpected technical difficulties and other problems that may arise
- Designing of the HVAC system using the HAP software as per project requirement and ASHRAE standards
- Preparing the report for the static pressure calculation for the air-conditioning units and the fans using ASHRAE duct fitting data base.
- Designing of the ducts using the duct sizer following the project specification or as per the standards.
- Designing of the chilled water piping using the pipe sizer software.
- Verify/Review shop drawing prior to submission for approval.
- Prepare technical or material submittals based on the specifications for approval.
- BOQ takeoff and ordering of materials in line with project specs.
- Work closely with architects and other stakeholders to design mechanical, electrical, and plumbing systems that meet the specific needs and requirements of the construction.
- Continually review the contractor's construction schedule during the progress of site works.

Jul 2016

- Aug 2017



LANGUAGES

English

Hindi

Malayalam

Tamil



PERSONAL INTERESTS

- Travel
- Sports
- Social Media
- Music



PERSONAL INFORMATION

Birthday

07/04/1995

Gender

Male

Marital Status

Married

Nationality

Indian

- Review Contractor's shop drawings against the design [tender] drawings for compliance with the design intent and return to project manager with appropriate comments / approval.
- Undertake general project site observation / inspection of the mechanical services works for Contractor's adherence to the approved shop drawings and Consultant's specification, good working practices, the construction schedule and health & safety.
- Undertake off-site inspections of proposed equipment and materials as may be deemed necessary by the Project Manager.
- Witness on-site piped system pressure test, air conditioning duct leakage testing and other testing that may be required during the first fix works and advise the Project Manager accordingly.
- Witness mechanical system final testing and commissioning
- Undertake final project snagging and prepare list of defects for Contractor's action.
- Attend project, site progress and any mechanical services related technical meetings as directed by the project manager.



ADDITIONAL ATTRIBUTES

- **ESP Calculations for selection of HVAC Equipment's.**
- **Heat load calculation using Hourly analysis Program.**
- **Pump Head Calculations for Selection of Pumps.**
- **Knowledge in NFPA standards for Fire Protection.**
- **OSHA-30 Hours Construction standards**