

Shoeb Ahmed

Mechanical Engineer (MEP)

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Location: Dubai, UAE



PROFESSIONAL SUMMARY:

Meticulous and highly accomplished Mechanical Engineering professional, with 3+ years of rich experience in the field of HVAC Designing, Drafting and installation, HAP, Ducting and manual calculations, With excellent Skills to work in an environment where I can contribute my skills, knowledge and experience towards benefitting the workplace and to prove my potential through hard work, reliability, ambitiousness and integrity.

CORE COMPETENCIES:

Mechanical Engineer, Site Engineer (MEP), Planning, Drafting, Estimation & Installation.s Ducting, Operations & Maintenance, MEP Design/ projects preferably in Power/ Energy/ Utilities/ Construction/ Production.

Diverse knowledge of planning, Implementation, Energizing, maintenance & completion of projects. Experience of strategic process improvement initiatives backed with strong academic knowledge, integrity and desire to achieve results Extensive hands-on experience in the fields as below:

- Ensuring Machine/Equipment Availability
- Process Improvement
- Prepared Work Instruction
- Process Management
- Risk-based Analysis
- Condition Monitoring
- Breakdown Analysis
- Daily Accountability
- Reduced scrap Percentage
- Prepared procedural documents for all operations
- Coordination with the client department.
- Managing Employees, utilities and pieces of machinery
- Reducing human Error, Site Claim, Rework Percentage
- Monitoring the Movement of Workers in the Working Area
- Process Planning and Utilization
- Team management, Quality Management System

WORK EXPERIENCE:

SEA CONSTRUCTIONS

POSITION : HVAC SITE ENGINEER
PROJECT : RELIANCE SHOPPING MALL
CLIENT : RELIANCE INDUSTRIES LIMITED
DURATION : AUG 2017 to OCT 2019

- Examine heating, refrigeration and air conditioning systems for signs of defects or malfunctioning.
- Maintained and serviced HVAC system and refrigeration equipment.
- Recycle and charge refrigerant.
- Retained careful and thorough maintenance and repair records.
- Installed air conditioning and refrigeration equipment and tested them for proper operation.
- Analyzed, modified, and repaired the digital control system.
- Drafted pre-task plans.
- Operate, maintain and troubleshoot a wide variety of complex HVAC systems.
- Experienced with primary/secondary variable flow distribution systems.

- Experienced in the maintenance of all the Pumps Including Submersible Pumps for Drainage system, Chilled Water System, Plumbing System and Irrigation System.
- Experienced in the maintenance of all the Plumbing Services including Water Heaters, Plumbing Valves, and Sanitary Wares.
- Work directly with the work process and control planners to improve the predictive maintenance program.
- Document all maintenance and repairs

HYDERABAD CONSULTING ENGINEERS

POSITION : HVAC SITE ENGINEER
 PROJECTS : KAIF TOWERS, SULTANS SHOPPING MALL
 DURATION : AUG 2016- JUL 2017



- Provided frontline operational management of a team/ teams of electrical site staff undertaking installation at site, to ensure the works are completed on time and technically correct in accordance with the working drawings and specifications.
- Lead site MEP Works with planning, implementation and completion of building projects in the field of construction.
- Review and approve installations and constructions.
- Inspect deliveries/installed/constructed work to ensure that it is in accordance with the shop drawings and the specification.
- Issue field observation report and none compliance reports (NCR).
- Witness testing and commissioning of various plant and systems.
- Snag defects / outstanding minor work for the Contractor to action and follow up on their progress.
- Review 'As-Built Drawings' to ensure correctness, completeness and that they are in-line with the specifications.
- Liaising with the project planning engineer regarding construction programs.
- Checking materials and work in progress for compliance with the specified requirements.
- Observance of safety requirements.
- Resolving technical issues with employers representatives, suppliers, subcontractors and statutory authorities
- Quality control in accordance with CSIs/procedures method statements, quality plans and inspection and test plans, all prepared by the project management team and by subcontractors.
- Liaising with company or project purchasing department to ensure that purchase orders adequately define the specified requirements.
- Supervising and counselling junior or trainee engineers.
- Interpreted and adapted traditional methods in developing design calculations, layouts, drawings, and specifications that support project objectives and standards.

Projects Handled:

Project 1- Kaif Towers located at NRI Colony Hyderabad:

- To Supervise the Site as per Drawings.
- Leading and supervising the team members and coordinating with all Engineers and Technical departments as well as with clients, giving reviews of work progress at regular intervals and reporting to the supervisors.
- To prepare HVAC Drawings by using AutoCAD- Roof, Riser and Floor Drawings, Chilled Water Pipe Drawings and Duct drawings.
- To prepare the selection of machines like FCU's, AHU's and pumps based on Heat load calculations from respective models.
- Selection of Fans, pump and Fittings selection.
- Actively coordinating with the QA/QC Engineer for timely inspections of the completed activities at the site.
- To ensure that the work is completed in time with the given specifications and standards.
- Responsible for all the Mechanical works like HVAC systems; Fire Fighting; installation of ducts, other machines and all finishing works.

Project 2 – Reliance Shopping Mall, located at Ahmedpura, Hyderabad (Project consisted of Water Cooled Chiller of 290 TR):

- To design the HVAC systems as per the requirements mentioned in the proposal through various stages like designing and testing.
- Generally responsible for implementations and monitoring of all works at the site.
- Preparing and assigning the Resources such as Manpower, Materials, consumables Equipment, Tools, etc., required for all the Mechanical related works prior to execution.
- To apply the technical expertise and knowledge that will support the designing, manufacturing and Testing that help in better delivery of the HVAC system.
- To make an active contribution to the research and development efforts by understanding the HVAC advances that will match with the emerging technologies.
- To assist in the preparation of their performance of the equipment specification and Data.
- To monitor the execution of the development efforts and think of innovative ideas to build and design the HVAC system within the given budget and time.
- Submitting the Inspection report and quotation department for further action.
- Support to the Technician in Technical issues.
- Follow up the team until the job is done completely.
- Helping the team members for assistance in work-related issues.

TECHNICAL SKILLS:

Operating Systems: Windows, MS Office, Ashrae, Smacna Standards Etc

Designing Tools: Autocad, Revit, Matlab, Hap, Blockload, Manual ductulator, Ductsizer Etc

STRENGTHS:

- Optimist, Hard work, Organizational abilities
- Strong Technical skills, Intellectual Leadership Quality
- Sincerity and Punctuality
- Self-Confident & Active Learning
- Innovative thinking
- System Analyzing & Troubleshooting
- Ability to manage Technicians, Complex Problem Solving
- Judgment and Decision Making
- Reporting Skill, Planning and Scheduling skill
- Effective communicator
- Excellent relationship management skills

EDUCATION:

B.TECH. (MECHANICAL ENGINEERING)

Jawaharlal Nehru Technological University, Hyderabad, Telangana.

Post Graduate Diploma in 'MEP' From K.G.MECH Services Hyderabad.

{Designing; Drafting, Estimation and Installation}

PERSONAL INFORMATION:

Gender :Male
Nationality : Indian
Passport. No : S7383267
Date of Expiry :05/11/2028
Marital status :Single
Languages :English, Hindi, Urdu, and Telugu
Visa Status :Visit Visa

**Shoeb Ahmed
Mechanical Engineer**