Dinesh | Mechanical HVAC engineer



Dubai-AL- Satwa | dinesh-394991@2freemail.com

**Objective**

Accomplished Mechanical engineer with 5 years and UAE driving license through

experience in designing, planning, maintenance, research, development and installation of building Electro Mechanical equipment's and systems for commercial buildings, willing to work as a HVAC/MEP mechanical engineer in a prestigious organization

**Skills**

AutoCAD | DCD | DEWA | Project management |Root cause analysis | Facility and plant modifications | Sensors | Chillers | HVAC | MEP | Preventative maintenance | AHU-A/C PMP | VFDs knowledge | Certified HVAC Technician | Operation and maintenance expert | Pumps, fans and cooling towers | Ventilation and air conditioning | CMMS specialist | Piping and brazing | Hazardous materials training | Duct sizing and design | Energy optimization | Installation expert | DM | Water and steam systems | Pump and piping systems | Fire-protection systems | Water treatment plant’s | Automation | Inventory management systems | Reading and interpreting blueprints | Quality control | Diesel generators | MS Office expert | Staff motivation and training | Relationship-building |CNMS | I-BMS | BMS | EMS | TAC Vista | Multimedia| Air compressors | Nitrogen plants | Thermal Cooling units | Steam | Energy audit |

**Education**

B. TECH MECHANICAL ENGINEERING | 2014 | JNTU

· With an aggregate of 65 %

HIGHER SECONDARY | 2010 | KAKATIYA JR COLLEGE

· With an aggregate of 50 %

SSC | 2008 | MEGACITY GRAMMER HIGH SCHOOL

· With an aggregate of 50 %

Driving

LICENCE

- UAE-

**DL.No:**



**3933103**

**DOI:**

**12/06/2019**

**Exp:**

**12/06/2021**

**Experience**

**MEP ENGINEER-O&M | DUBAI | MAR 2018 – CURRENTLY**

* + Responsible for planning and coordinating with the design phases like Supermarkets construction and Building assets maintenance
* Design and execute constructional drawings as per site with complete Dubai government compliance
	+ DM/DCD/RTA documentation and documentation with complete man power allocation and execution’s
	+ Handling Maintenance complaints related to HVAC/Firefighting and fire alarms/Commercial refrigeration plants & building chiller plants –Ac controls, electrical day to day duty’s
	+ Operation and maintenance of Building Energy Services Like DG, LV, Pump room, Dewa operations, with preventive maintenance and assets evaluations
	+ Vendor follow up and man power and documentation as per Dubai rules
	+ Carry out internal fit out works such as Plumbing, electrical, partitions, air conditioning
	+ Inspect & report Property safety and commercial aspects in terms of energy conversation and machine life cycles periodically

**HVAC ENGINEER | FEB 2017 – CURRENTLY**

* Responsible for planning and coordinating with the design phases like HVAC, AHU, ducting, piping, steam distributions, for both clean and black utility
* Coordinate with consultant on reviews for shop drawings, MEP related designs, HVAC, Fire Alarm Fighting & Assist in submittals / comments the submittals
* Handling operation and maintenance related to water plant, electrical distributions LT-HT, diesel generators, chillers, VRF, and documentation
* Perform responsibilities of developing Utility Systems Process, HVAC Airflow Diagrams and Instrumentation Diagrams
* Responsible for interpreting and explaining budget and scope of the project to less experienced professionals
* Responsible for conducting duct leakage test, chilled water piping Hydro test and refrigeration piping pressure testing
* Receive/action Request for Information (RFI) that apply to mechanical works. RFI’s

**HVAC SITE ENGINEER | FEB 2016 - JAN 2017**

* Ensuring that contractor understands the contract documents including drawings / specs, phase plans, MEP systems interrelationships, workflow & schedule
* Control, Monitor & report MEP contractor activities in all stages of commissioning
* Assigned the tasks of designing HVAC and utility systems like heating and cooling, humidity control, and room cleaning applications
* Responsible for cost estimate, verify bill of quantities, MEP materials stock and review contractor monthly progress valuation of MEP work prior to invoicing
* Carry out Supervision works for installation of FCU/AHU/Chillers/Pumps/HVAC Ductwork/Chilled water piping/Insulation works/Air outlets, water tanks, sanitary ware, water heaters, drainage and water supply piping, domestic water pumps, etc.
* Pressure loss calculations, ESP calculations, Heat load calculation

**PROJECT ENGINEER-HVAC | JAN 2015 - FEB 2016**

* Worked on Power Usage Effective (PUE) Critical Data Center Cooling Distribution Units and Edge Devices, utilizing modular infrastructure space saving designs with the lowest energy saving system available.
* Interacted with R & D Team, studying and researching components for Refrigeration and Hydronic circuits.
* Purchasing of project piping and system equipment for Condenser Water and Refrigeration circuits.
* Strategic interaction with vendors to provide cost effective and quality products for circuit designs.
* Responsible for updating Refrigeration/Condenser Water Circuit patented schematic circuit designs in AutoCAD.

**DESIGN ENGINEER | JUNE 2014 - DEC 2014**

* Designed process piping, plumbing and fire protection system, checked shop drawings.
* Wrote specifications, proposals and field surveys.
* Supervised engineering and design personnel, reviewed and coordinated projects with clients.
* Handle all the civil and related services such as HVAC,
* Ducting, Electrical & Plumbing works from the initial to the final stage
* Controlling overall construction works at various sites w.r.t. quality, cost & schedule, cash flows etc.
* Analyze and preparing detailed MIS reports in terms of control quality delivered as per the design

**MANAGEMENT**

* Accountable for managing & coordinating activities and resources in a project life-cycle (initiation planning, executing /controlling, and closing)
* Categorize project/product issues and identifies resources to provide solutions or escalated to avoid project delays.
* Handling and payrolls of man power and training the team to overcome demanding situation’s

**SALES**

* Prepare strategic and annual sales plan for over all commercial activities of the companies
* Sales person supervision and sales branch supervision and manages sales/marketing budget.
* Designing and Scheduling import materials and quotation’s
* Consistency in service and meeting client’s deadline making additional revenue to the company



**COMMUNICATION**

* Creative and logical
* Focused & goal driven with strong work ethics
* Problem solving ability
* Co-operative and keen observer
* Organized and well-structured at work

**English**

**Hindi** Languages

**Telugu** know

**Tamil** **NO-M2512281**

**I.d-30/09/2014**

**Passport** **Ex.d-29/09/2024**

**Details**

**Visa- Visit ends**

**May 20**

**PROJECTS**

* Controlled on Radiant cooling technology for Infosys client based project and drafted HVAC layouts
* Chiller and PAHU piping commissioning carried out at Tata project site
* Installed and Qualifications carried out for Hvac-MEP-utility in Mylan laboratories –Tamil nadu
* Conducted Training classes at Stelis bio Pharma- Bangalore on utility Operations and maintenance.