

## **Nizar Talib Kapadiya (Mechanical HVAC Engineer)**

**Permanent Address :** Block no. 4, Street 101,  
Khaitan, Kuwait

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**Civil Id :** 293013002461

**Passport No. :** M6073899



### **Objective:**

I am seeking for a job position in the field of Mechanical Engineering in an organization in order to build up a long term career by investing the best of my technical knowledge, educational qualifications & my experiences to serve the organization with outstanding output.

### **Professional Strength**

- I am highly motivated HVAC Mechanical Engineer with a Bachelor degree in mechanical engineering and experience in HVAC Project Execution. I Have total of 6+ years of experience in HVAC industry as HVAC Project, Design & Site Engineer.
- Expertise in Project Execution, Design & Engineering Application of Air-conditioning projects Specially for Hospitals.
- Having knowledge and Installation of Mechanical Equipments Chiller, Cooling Tower, AHU Pumps , FCU etc
- Preliminary Heat Load Calculation and estimates of projects that are in conceptual stage
- General Site supervision and inspect the installation, modification and commissioning of Mechanical systems
- Ability to read, analyze and interpret bid Documents, Drawings and Specification.
- Performed maintainance of Chiller, Cooling Tower, Pumps, Heat Exchangers, Compressor, Hydraulics machine, Eot Cranes, Goliath Crane, Gearboxes,etc

### **Professional Experience**

**1.)HVAC Engineer** Working since **July-2019—Present**  
Al-Ahlia Integrated General Trading & Contracting Co., Kuwait

**Project Name : New Maternity Hospital- Al Shuwaikh**

#### **Job Responsibility:-**

- 1) To prepare and get approval of HVAC Shop Drawings as per project standard in coordination with all trades complying.
- 2) Closely monitor site activities to ensure quality of work is in compliance with approved shop drawing and Specification
- 3) Responsible for all HVAC Installation work.
- 4) To maintain safe all construction HVAC and Chilled water piping activities are carried Out in accordance with the Safety policies and procedures.
- 5) Delegating Draftsmen for preparation of shop drawing.
- 6) Ensure that all mechanical HVAC site activities are conducted under controlled conditions

as per shop drawings, method statements, Specification and work plan.

- 7) Calculation of ESP for AHU , Pumps .
- 8) To attend meetings and close co-ordination with Clients / Consultants for inputs / requirements, design review & approvals and to get updates of project status and further action.
- 9) Plan, review, and coordinate construction operations to ensure compliance with design drawings and specifications.
- 10) To handle procurement activities relating to contracts and sub contracts in accordance with Company Procedures and Procurement department activities.

**2.)Mechanical Engineer** Working since **August 2017—May 2019**  
Shapoorji Pallonji , Kuwait

**Project Name : New Al Sabah Hospital- Al Shuwaikh**

**Job Responsibility:-**

- 1) Review and analyze all MEP shop drawings, materials, Schedule of work etc.
- 2) Coordinating all Mechanical activities on the site.
- 3) Review Shop drawings, product data, materials submittals, method of statement ,delivery schedules to compliance with requirements of the project.
- 4) Review submittals prior to submission of Consultants.
- 5) Ensured that all civil obstruction have been cleared to MEP contractors to proceed with MEP activities
- 6) Monitoring of work as per approved Drawing and Specification, Local and International standard and codes.
- 7) Estimation of the Mechanical Equipments, Duct, Pipe etc
- 8) Attending meetings with Subcontractors ,consultant and suppliers
- 9) Installation of all temporary fire protection work as per KFD approved drawings.

**3.) HVAC Engineer** Working since **April-2016 — July 2017**  
Al Babtain Refrigerating & Cont. , Kuwait

**Project Name : The Late Salwa Sabah Al Ahmad Al Sabah Stem Cell and Umbilical Cord Centre - Al Shuwaikh**

**Job Responsibility:-**

- 1) To prepare and get approval of HVAC Shop Drawings, MEP- Coordination Drawings, Work ,method statement and Project Specification.
- 2) Heat Load Calculation through HAP E20 and as per MEW Standard
- 3) Static Pressure of AHU, Fans ,Duct Sizing, Etc
- 4)Pricing for complete HVAC systems ( Ac System, Smoke System, BMS System)
- 5) Closely monitor site activities to ensure quality of work is in compliance with approved shop drawing and Specification
- 6) Preparing relevant documents to conduct inspection for completed installation activities and raise RFI to Consultant.
- 7)Delegating Draftsmen for quantity take offs, cross checking quantities.
- 8) Ensure the HVAC Ducts, Fittings, accessories and Child water pipes, fittings, accessories are available at site and approved prior to installation
- 9) Coordinate with other discipline and ensure site clearance is available to start the HVAC Activities

- 10) Ability to determine scope of work and required content of a complete site installation.
- 11) Good understanding of contract plans and specifications

## **2.) Maintainance Engineer ( Shift In-Charged)**

Lalit Pipes Ltd, India.      Worked from **December-2014 — December-2015**

### **Job Responsibility:**

- 1) Responsible for Executing and Supervising the Complete Ducting, Piping and its accessories Fittingworks.
- 2) Cordinating with the Draftsman in preparing Engineering Shop drawings etc
- 3) Operation & maintainance of Chiller, Heat Exchangers, Compressor, Pumps,. Hydraulics machine, Eot Cranes, Goliath Crane, Pressing machine, Gearboxes, Mechanical Seal, Hydrostatic testing machine, Welding Station, Rolling machine, Forming machine.
- 4) To Prepares reports as per API, ISO:9001 2008 and to analyzes data, and makes recommendations for improving plant operations and solving maintainance related problems and to maintain.
- 5) Plan all materials for new projects and ensure proper utilization of materials
- 6) Taking out Quantities from the drawings and providing for procurements
- 7) Co-ordinate with external agencies whenever required, for repair of machinery.
- 8) Routine inspection of equipment as per check list.
- 9) Offer technical expertise to maintenance people like supervisor, foreman, fitters and technicians.

## **4.) Mechanical Engineer      Worked from July-2014 — November-2014**

Xsis Pvt Ltd, India

- 5) **Vocational training** for 3 months at Dahod Steel Industries, India.

### **Certified Courses in Heating Ventilation And Air Conditioning (HVAC) .**

- Heat load calculation through HAP and system design
- Psychometric Charts and their use in designing and related calculation.
- Duct Sizing and layouts guideline
- Knowledge of System Selection of Component like AHU, Chillers, Cooling Towers, Pumps, Blowers.
- HVAC Piping selection and installation guidelines
- Familiarity with Cooling Towers, Exhaust Systems, Heat Pumps, HVAC Equipment and Water Heater

### **Educational Qualification:**

<b>Degree.</b>	<b>Institute</b>	<b>University.</b>	<b>Year.</b>	<b>Percentage</b>
<b>BE MECHANICAL</b>	GOVERNMENT ENGINEERING COLLEGE, India.	GUJARAT TECHNOLOGICAL UNIVERSITY, AHMEDABAD	July 2014	6.55 (CGPA )

H.S.C	St.Stephens High School, India	G.S.H.E.B. , GANDHINAGAR	March 2010	74%
S.S.C	Burhani English High School, India	G.S.H.E.B., GANDHINAGAR	March 2008	74%

IT Skills	
	1.) HAP 2.) AUTOCAD 3.) Revit (MEP) 4.) HVAC Design 5.) M S OFFICE & INTERNET

Strengths	
	<ul style="list-style-type: none"> <li>• Ability to work in Group &amp; Motivate people.</li> <li>• Result Oriented &amp; Positive Approach.</li> <li>• Good Communicating Skill.</li> <li>• Good Analytical Skill.</li> <li>• Continuous Improvements &amp; Learning Approach.</li> <li>• Adaptable and flexible approach to work.</li> </ul>

Field Of Interest:	
	Refrigeration and Air conditioning, Industrial Engineering, Thermal Engineering, Automobile engineering.

Hobbies	
	Reading Newspaper, Playing Cricket & Sudoku, Travelling, Surfing on internet.

Personal Information:	
Name:	Nizar Talib Kapadiya
Date Of Birth:	30 <sup>th</sup> January 1993.
Gender:	Male
Marital Status:	Married
Nationality:	Indian
Languages:	English, Hindi, Gujarati,
Mobile Number	65812501

**Place : Kuwait**

**Nizar T Kapadiya**