

MOHAMMAD TARIQUE REZA

Email ID: tarique01.reza@gmail.com

Current Address: Mumbai, India.

Mobile & WhatsApp: **+91 9801433103**

Skype id: [tarique01.reza](#)



Career Objective:

Seeking a challenging career in the quality environment where my technical skills and qualifications as a **Mechanical Engineer** can be shared and enriched and make a significant contribution to organization with strong work ethics and diligence.

Summary:

As a **MECHANICAL ENGINEER** having work experience of **8** years in projects including **4+** years in gulf.

- Extensive experience in HVAC Design and Engineering.
- Experience with Industrial, Commercial and Institutional facilities.
- Coordination of all phases of HVAC projects from design through installation, including specifying equipment, calculating loads, ductwork and pipe sizing, selection of HVAC equipment including Air handlers, Pump, Boilers, Pump rooms, Chillers, Cooling Tower, Exhaust fan and Condensing unit.
- Plumbing-Design, Execution and Maintenance of water supply and drainage system.
- Experience in AutoCAD for design and drafting.

Work Experience: 8 Years.

- | | | |
|------------------------|---|--------------------------------------------------------------------|
| 1) Organization | : | NASEER S. AL-HAJRI CORP. (SAUDI ARABIA) |
| Duration | : | 15-01-2020 TO 24-01-2021 |
| Designation | : | HVAC ENGINEER. |
| Project | : | MARAFIQ-SWTP-9 Project Al- Jubail. |
| 2) Organization | : | KAZEMA ENGINEERING PROJETS W.L.L (KUWAIT) |
| Duration | : | 16-01-2017 TO 05-09-19 |
| Designation | : | MECHANICAL ENGINEER. |
| Project | : | 1) Small boat harbor Project (KUWAIT OIL COMPANY) |
| | : | 2) The New Lulu Hypermarket (AL-FAROOQI ENG. CONSULTANTS) |
| 3) Organization | : | AL KAWTHER (SAUDI ARABIA) |
| Duration | : | 21-06-2016 to 01-11-2016 |
| Designation | : | ASSISTANT ENGINEER. |
| Project | : | NATIONAL WATER COMPANY. |
| 4) Organization | : | MAHANAGAR GAS LTD. (MUMBAI) |
| Duration | : | 21-08-2014 to 10-06-2016 |
| Designation | : | MECHANICAL ENGINEER. |
| Project | : | KPT Project (NAVI MUMBAI) |
| 4) Organization | : | RE INFRA PVT LTD. (MUMBAI) |
| Duration | : | 12-07-2013 to 18-08-2014 |
| Designation | : | SUPERVISOR |
| Project | : | Bandra Kurla Complex Project. |

Job Responsibilities:

- Design, over viewing, procurement, lost control planning and executing projects.
- Estimation and preparation of BOQ.
- Responsible for site installation works of MEP services related to HVAC, Plumbing, Drainage, & Fire-Fighting systems.
- Pipe sizing for chiller with complete valve and fittings, Pipe size calculation for chilled water circuit to AHU or FCU, Cooling tower. Calculation of pipe diameter by considering friction loss, Pipe sizing for VRV/VRF.
- Exposure in installation of Internal and External Plumbing works (water supply lines, firefighting pipes, drainage networks, storm water lines, man holes, hot water systems (Individual and central heating), irrigation networks, pump room works, WTP, STP etc.
- Preparing submittals for equipment and materials for client's approval.
- Raising request for site inspection (RFI) to the consultant for approvals of MEP works executed on site.
- Attending site meetings concerning the progress reports.
- Supervision of site works.
- Testing & commissioning.
- Regular reporting to the project manager.
- Conversant with different types of piping systems such as DI, MS, CS, SS, PP-R, GI, U-PVC, CI, SGSW, RCC Hume piping used in water pipelines, Firefighting, plumbing and drainage systems.
- Submits site daily reports, inspection requests, estimates and all applicable monitoring reports on regular basis or as required.
- Assign targets for accomplishments and ensure targets are met on daily basis for all Mechanical groups at site.
- Carrying out quality inspections on jobs.
- Liaising with client departments, customers and other engineering and production colleagues.
- Arranging specialist procurement of fixtures, fittings or components.
- Controlling maintenance tools, stores and equipment.
- Follow the safety regulations of the site and maintain the integrity of the site.

Trainings Attended:

- Safety training exam conducted by **Kuwait Oil Company** (Kuwait).
- Training on Medium & Low pressure natural Gas Distribution network designing & its contribution, Testing, Commissioning & Emergency Operation, from B.G. (U.K.) at **Mahanagar Gas Ltd.**
- First AID Training conducted by **Mahanagar Gas Ltd.**
- Acquired knowledge of Protection of Excavation, Trench Support, PE Technology & Excavation safety etc.

Academic Credentials:

- B.E (Mechanical Engineering) from **NORTH MAHARASHTRA UNIVERSITY**, Jalgaon
- Diploma in Process Piping Design & Engineering per ASME B31.3 from **Institute of Piping Engineering and Building Services, Hyderabad.**

Technical skills:

- **Knowledge of** - PFD and P&ID Equipment drawings, Plot plan, Process plant layout, Piping Welding, Erection & Testing. Piping material codes and standard. Preparation of G. A Drawings and Isometrics based on P&ID and plant layouts. Pipe support and Rack design, Expansion loop design.
- **Knowledge of 3D Modeling** - Equipment, piping, structure, hanger& support modeling, Draft& Isodraft
- **Familiar with** - International Design codes & Dimensional standards.
ANSI/ASME, API, BS, ASTM, NFPA, ASHRAE & there use in design, analysis and calculation.

Software literacy:

- PDMS (PLANT DESIGN MANAGEMENT SYSTEM ,11.6) (ALL MODULES),
- ENGINEERING ANALYSIS: -CEASER- II (STATIC ANALYSIS)
- HAP 4.9 (HOURLY ANALYSIS PROGRAM)
- AUTOCAD
- TALLY 9
- MS OFFICE

Strength:

- Planning and Organization Skills, Good Communication Skills, Smart working.
- Self-motivated, confident, independent and flexible with a “can do” attitude.
- Innovative and Creative Approach to Design and Problem Solving.
- Strong Adaptive at working in a fast moving and multicultural environment.
- A strong Team Player who can work effectively with individuals at all levels.
- Always try to complete the given work within the time limit

Personal Details: -

- Father's name : KAMRUDDIN
- Marital status : Married
- Gender : MALE
- Date of birth : 25-12-1990
- Permanent Address : JHARKHAND, INDIA.
- Language known : ENGLISH, ARABIC, HINDI, URDU
- Passport No : M0348509
- Driving License : INDIA
- Date of Issue : 24-07-2014
- Date of Expiry : 23-07-2024

Declaration: -

I hereby declare that the above-mentioned details are true to the extent of my knowledge.

Date:

MOHAMMAD TARIQUE REZA