

Profile Summary

- Total Experience : **11 Years (8yrs in KSA + 3yrs in Qatar)**
- Current Employer : Al Rashid Trading & Contracting Company.
- Current Position : **Senior Mechanical Engineer**
- Current Location : Al Khobar-KSA
- Nationality : INDIAN
- Date of Birth : 18-June-1984
- Marital Status : Married

Brief Experience Summary

- Liaison with clients, Consultants Co-Ordination with Site Engineers, Sub-Contractors, Execution of Projects, Material Approval, Quantity Surveying & Responsible for execution of all HVAC, Fire Fighting, Plumbing and Allied Mechanical systems, comprising of Chillers (Trane, York, SKM, Carrier), AHU, CRAHU, Package Units, PAC Units, Chilled water pumps, Domestic water pumps.
- To read and understand all sorts of **HVAC / Plumbing / Fire Fighting** Drawings with foundations/Civil/Wall openings and interaction of other departments.
- Installation of Air cooled Chillers, AHU, FAHU, PACU, FCU, ACCU and Chilled pipe connections.
- Execution of Heating Ventilation & Air Conditioning Systems(HVAC) which includes installation of Chillers, Chilled Water Pump Room, Air Handling Units(AHU's), Fan Coil Units(FCU's), Package units & Split units.
- Flushing of Chilled Water pipes by adding the Chemicals with acidic & alkaline properties.
- Insulation & Aluminum Cladding for Ducting & Chilled water piping in exposed areas.
- Testing & Commissioning of Heating Ventilation & Air Conditioning Systems(HVAC) which includes Chillers, Chilled Water Pump Room with all piping & accessories, chilled water piping assembly for AHU's, Air Handling Units(AHU's), Fan Coil Units(FCU's), Package units & Split units.
- Air Balancing & Water Balancing for HVAC systems.
- Installation of Motorized Fire/ Smoke dampers, Curtain type Fire dampers, Motorized Volume dampers, Manual Volume dampers, Variable Air Volumes, 2 way modulating valves, Smoke Exhaust fans, Inertial Separation filters with Bleed fan.
- Installation of MFSD Actuators (Modulating & Fast Acting).
- Installing the fabrication of Ducts as per SMACNA standards, Insulation of ducts, fixing of Grills/ Diffusers, Plenums.
- Execution of Fire Fighting Systems including piping's, Sprinklers, Fire Hose Reel Cabinets, Fire Alarm Check Valves, Test & Drain Valve assembly, Zone control valves as per NFPA standards.
- Installation of FM 200 completes systems including Cylinders, Piping, Nozzles, Panel, Electric/ Manual Valve Actuator Abort Switch, DPS.
- Plumbing (Water Supply, Drainage systems) including Water supply Pump room, Underground Ductile pipelines, Hot water Calorifier , Irrigation systems, Lift Stations (Sewer & Storm for Drainage systems).
- Installation of underground piping under blinding/ Grade slab for Drainage and water supply.
- Attending site meetings with other trades and taking necessary actions for the requested items of Mechanical Works.

WORK EXPERIENCE

Dec 2017 – PRESENT Al Rashid Trading & Contracting Company.

Dammam , Saudi Arabia

PROJECTS:-

King Abdullah Bin Abdul Aziz Projects for development of Security Headquarters (Integrated Public Security Operations-IPSO 911)

Dammam, SAUDI ARABIA.

Client: Ministry of Interior (MOI)-Kingdom of Saudi Arabia.

Consultant: ARCHEN Engineering Consultants.

Scope: Engineering, Procurement & Construction Management (EPCM) of IPSO Projects.

- Installation of **Computer Room Air Conditioning Systems (CRAHU)** Units Single & Dual Circuit Connections type with Humidifiers for Data Centers.
- Installation of **Foam Systems** for Helipad.
- Installation of **Window Cleaning Systems**.
- Installation of **Reverse Osmosis Plant 226 m3/Day** for water supply systems.
- Installation of **Sewage Treatment Plant 255m3/Day** with Lift Station Submersible Pumps.
- Installation of **Air Cooled Chillers & Chilled Water Pumps** for Data Centers with Pre-Insulated Chilled water piping.
- Installation of Fire Fighting Systems with **Electric Pump, Diesel Pump & Jockey Pump and other pump room accessories with Under Ground Water Storage Tank Connections.**
- Installation of **Potable & Non-Potable Pump & Irrigation Pump with Tank Connections.**
- Installation of **Fuel Piping System for Generators with Under Ground Grp Tank Connections.**
- Installation of **Water Fountain.**

Dec 2015 – Dec 2017(2yrs) Aram Arabia Contracting Company.

Yanbu , Saudi Arabia

Mechanical Project Engineer

- **Yanbu University Project**
Yanbu, SAUDI ARABIA.
Client: Royal Commission - Kingdom of Saudi Arabia.
Consultant: Saudi Arabian PARSONS.
Scope: Engineering, Procurement & Construction Management (EPCM)
- Installation of 420 Cubic Meter Per Day Sewage Treatment Plant Rotating Biological Contractor Process (RBC Type) including Lift Station Pumps, Filter Feed Pumps, Submersible Aerator, Lamella Separator, Chlorine Dosing Pumps, Chemical Tank & sand Filter.
- Installation of GRP Tanks for fuel storage 6000 liters each 12No's with Daily tank for supply to Generators in Electrical Substations.
- Installation of Motorized Doors, Motorized Louvers & Stationary Louvers for Generator & Transformer rooms in Electrical Substations.
- Installation of Electronic Fuel Dispensers including all underground piping & accessories with GRP Tanks for Fuel Station with TLS Systems.
- Installation of Security Equipment's (Road Blockers and Fixed Bollards)
- Installation of Underground LPG Tanks 5000 liters each 2no's with all underground piping and valve boxes accessories for kitchen equipment.
- Installation of Stainless Steel Kitchen Hoods including Black steel exhaust ducting with Fire Suppression system for Kitchen exhaust systems.
- Installation of Cold Rooms with all accessories for Kitchen area.
 - Installation of Novec 1230 Fire Suppression systems with all Cylinders, piping & accessories for Electrical/Communication/UPS Battery & Archive rooms.

June 2013–Oct 2015 (2 Yrs) Saudi Arabian Baytur Construction.

Abha, Saudi Arabia

Mechanical Engineer

Scope: Engineering, Procurement & Construction Management (EPC) King Khalid University Project.

Abha, SAUDI ARABIA. (June 2013 – Oct 2015)

Client: KKU-Kingdom of Saudi Arabia.

Consultant: ZUHAIR FAYEZ & PARTNERS.

Scope: Engineering, Procurement & Construction Management (EPCM) of KKU Projects.

- Installation of Air Cooled Chillers, Air Handling Units & Fan Coil Units with all piping & accessories including assembly of valves and actuators.
- Execution of Fire Fighting Systems including piping's, Sprinklers, Fire Hose Reel Cabinets, Fire Alarm Check Valves, Test & Drain Valve assembly, Zone control valves as per NFPA standards.
- Plumbing (Water Supply, Drainage systems) including Water supply Pump room, Underground Ductile pipelines, Hot water Calorifier , Irrigation systems, Lift Stations (Sewer & Storm for Drainage systems.
- Execution for Swimming Pool Pump room complete systems including Swimming pool pumps, Sand Filters, Electric Heaters, Butterfly Valves, Check Valves, Submersible pumps, Float Valves.

- Installation of Package Units with Ducting & accessories.
- Installation of Sanitary Fixtures with all piping & accessories for Plumbing systems.

July 2010 –April 2013 Hitachi Plant Technology.

Doha, Qatar

HVAC Engineer

Scope: Engineering, Procurement & Construction Management

- Installation of HVAC – Duct Works, installation of Chillers, Chilled Water Pump Room, Air Handling Units(AHU's), Fan Coil Units(FCU's), Package units & Split units.

EDUCATIONAL QUALIFICATION

- Bachelor's Degree (B.E) in Mechanical Engineering - 2009 from Osmania University.
- Trained in Construction Management with Engineering, Procurement & Construction (EPC) concept for Mechanical (Plumbing, Firefighting, HVAC works), Electrical, Civil, and Finishing works in 2009.

COMPUTER SKILLS

- MS Office (Word, Excel, Power point, Project, Outlook)
- AUTOCAD.
- HAP (Hourly Analysis Program) software.
- Elyte Software.

S/D

(Syed Wali Mohiuddin Quadri)