

Engr. Irfan Ali khan

Professional Engineer from institute of Engineers Australia
Registered Engineer Pakistan Engineering council.
Registered Engineer Saudi Engineering Council.

Location: Okara, Pakistan
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Mobile: 0092-3068135529

Total Experience: 7 years 1 month

Industry: construction MEP

Driving License. GCC Saudi Arabia and Pakistani

Bahrain

Bahrain Contact :

00973-33255171

Key Skills: Project Management/HVAC Execution/Firefighting Execution/Plumbing Execution/Drainages execution/Piping's Execution /Engineering Purchasing/Cost estimations/MEP works/Projects planning's/ strong leadership/Confident personality/Target achiever.

Mechanical Engineer and MEP projects Professional with a broad set of skills applicable across MEP sectors and roles in construction. Having a progressive experience in MEP and firefighting projects can control building HVAC , Firefighting , Plumbing, Drainages , Pipe line projects independently as per international standards NFPA-13, NFPA 20 ,SMACANA, and others .performing well in high-pressure, competitive environments. Enthusiastic achiever with a solid background in achievements of project target.

CORE COMPETENCIES AND COMPLETED PROJECTS

- **Firefighting.** Completed Quick response sprinkler systems installation in KAUST University before the target date as per NFPA 13 and NFPA 20 with zero accident and without any extra manhours. (Saudi oger store, Aramco store, Building 16 parking area, Security building.Saleem memorial trust hospital 300 rooms building. Completed All pressure tests at 200 PSI for two hours and some time for 24 hours as per consultant requirement without any leakage. Installation of pump room for hospital 1750 GPM as per NFPA 20.Complete installation of main fire line for fire hydrants, complete installation of fire hose systems and All control valves including landing valves.
- **HVAC.** Completed Kaust university Hospital duct work as per SMACNA and NFPA 90 A international standards and exhaust fans installation to control negative pressure in lab, Completed installation of fume hoods and ducting work in scientific labs with their Testing and balancing work, Completed installation of 17 no. s of Ducted split unit of petra with complete ductings in mcdonalds Pakistan, Completed punch lists of 10 no.s of 110 kv substations Package type units and duct work punch list in the time of 2.5 months. Completed All Ducting test without any delay and control leakages with proper solutions.
- **Plumbing.** Completed Saleem memorial hospital plumbing work in 12 months without any extra manhours as per plumbing standards and approved drawings. PPR piping systems.
- **Pipe lines.** Completed Residential compound of Aramco building main potable water supply line with PRV systems pipe lines was 1500 meter from main holes connections. Completed Water supply lines of potable water with PRV valve systems for KAUST hotel with RTR pipings.
- **Drainages.** Completed Kaust hotel Rain water drain line and also main sewage line connections with RTR piping's. Complete drain pipings and manholes of SMTH hospital with all pumps installation included main lines and testing. Complete installation of GRP piping for rain water.
- **Keen Attention to Detail.** Accurate, reliable, and diligent. Always complete projects/tasks within budgets and schedules. Can handle any ongoing challenges. Excelled in academic research and business writing.

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- **Dynamic Communicator and Negotiator.** Negotiated and closed numerous high-value deals. Excellent skills to deal with suppliers and selection of orders.
- **Systems Utilization and Technology Skills.** Proficient use of Windows and Mac operating systems well versed with MS Office Suite (Word, Excel, PowerPoint, MS project) and SAP. Working knowledge of Primavera P6 scheduling and AUTO CAD.

PROFESSIONAL EXPERIENCE (7 years and 1 Month)

GCC Countries: 3 years and 1 month

Local Pakistan: 4 years

1: Mechanical Utility Engineer Central utility plant (KAUST) Saudi Arabia From March 2020 to March 2021 through NESMA Saudi Arabia.

Project : Network pipe lines operation and Maintenance. Modifications in systems . Installation of new piping for Chiller plant piping network . RO Plant piping Network and Wastewater treatment plant pipe line Network for All the King Abdullah university of Science and Technology.

Responsibilities:

Plan and Manage shutdown activities. Monitor Pipe lines Network operations, Manage site teams for operation activities. Prepare technical and incident reports . Implement safety rules as per KAUST HSE requirements. Preparation of Method statements Monitoring of execution activities on site. Preparation of execution plan on MS project .Issuance of Material requisitions on Infor10 SAP based software. Coordinate ongoing activities with clients. Preparation of work permits and get approvals from authorities. Issuance of work permit.

2:Projects MEP Engineer 3 months contract.

Sabban Electromechanical Establishment Saudi Arabia. OCT-2019 to DEC-2019

Project: HVAC package type units 40 to 80 Tons capacity with Double skinned GI DUCT.

Responsibilities:

Clients and consultant dealings to complete the punch lists of 10 no, s of completed projects.

Planning of Manpower mobilization with available resources.

Arrangement of materials from MEP suppliers and negotiation with them on prices.

3:Project Engineer MEP.

Akbar Associates of Engineers and contractors Pakistan. August -2018 to Sep-2019

Project: Quick response upright and pendant sprinkler systems with pump rooms, Fire hydrants. HVAC DCP Units with GI ducts, MS duct with Exhaust fans, PPRC pipings, GRP pipings, UPVC piping's.

Responsibilities:

Monitoring, Planning and client dealing at site for firefighting and other MEP works

Dealing with suppliers and get competitive offers for material.

Consultant meetings for ongoing site problem with design.

4:Site Engineer.

Saudi Technical Group of companies Saudi Arabia.

March 2016 – August-2018

Site Engineer in Mechanical department of Kaust University. Take care of all MEP execution for assigned projects, labor dealing, Material Management, Making RFI, MSS and submission to inspection department, Site inspections with consultant , Projects handing over reports preparation and submissions , Scheduling , Submission of shop drawings and AS built drawings after reviews .Attend project Meetings.

5:Junior Engineer Sites.

Humak Engineering pvt limited Lahore Pakistan.

Jan-2013 – March-2016

Supervision of Complete installation of MEP works (HVAC, Firefighting, Compressors pipings, and Cooling towers at Millat tractors plant.

Supervision of Indus Hospital MEP works execution

Supervision of HVAC and piping maintenance of Millat tractors plants.

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Supervision of Shifa international hospital MEP works.
Supervision of Serina hotel MEP works.

International Certification:

QMS ISO 9001-2015 IRCA London, UK

EDUCATION:

The University of Lahore –Lahore Pakistan

- B.SC in Mechanical Engineering (2008 – 2012)
- 3 years Diploma of Associate Mechanical Engineering (2005 - Dec 2008)

Engineering Memberships:

- Pakistan Engineering Council
- Saudi Engineering council
- Institute of Engineers Australia (Professional Engineer)

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