

M. KAMRAN SABIR

Mechanical Site Engineer

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Iqama Status: Transferable

Nationality: Pakistani

RIYADH, SAUDI ARABIA.



SUMMARY:

Mechanical Site Engineer with over 5 years of hands-on experience in the construction and execution of HVAC, plumbing, and firefighting systems in MEP projects across residential, commercial, and industrial sectors. Proven ability in site supervision, coordination with stakeholders, quality control, and ensuring timely project delivery in compliance with safety and regulatory standards.

EXPERIENCE:

AL-MAJAL AL-ARABI GROUP, RIYADH, SAUDI ARABIA.

Mechanical Site Engineer

2022 – 2024

PROJECTS:

- **DIRIYAH COMMERCIAL CAR PARKING. RIYADH.**
- **WADI SAFAR ROYAL DIRIYAH GOLF CLUB, RIYADH**

- Supervised the installation of HVAC, plumbing, and firefighting systems for residential towers and commercial complexes.
- Reviewed shop drawings and ensured work execution per approved drawings and project specifications.
- Coordinated with consultants and subcontractors to resolve site issues and maintain schedule.
- Conducted inspections, prepared method statements, and participated in internal and external audits.
- Managed site teams of technicians and foremen to meet project timelines and quality benchmarks.
- Pipe line Inspection & Testing also transportation and laying Specification requirements Inspection of Plumbing, HVAC, hydrostatic testing package.
- Inspecting and monitoring Mechanical procedure, performance activity and ensuring compliance with all contract.
- Documentation and drawing surface regularly measurements ensuring compliance with specified to clearance all layer so construction.

- Reviewing of ITP's. Monitor daily field construction operation to ensure compliance with approval Project Design.
- Drawing and approved Project/ Quality Plans. Coordinate with Third party for inspection & Testing Coordinate with Project management consultant, Engineering Department for approvals.
- All fire fighting network, fire hydrant work done under supervision and inspection was carried out the client and consultant.
- Issue Requests for Inspection (RFI) to client inspectors for necessary witnessing or hold points.
- Prepare Non-Conformance Reports (NCR) for any deviations from specifications, detailing corrective actions to be taken.
- Inspect underground drainage systems, potable water lines, manholes, and wet well conditions to ensure operational integrity.
- Ensure that all gravity drainage network slopes adhere to code standards and coordinate the layout of floor drains with toilet tile designs.
- Validate the layout and slope of underground sewer pipes, confirming compliance with approved drawings.
- Witness gravity testing for underground sewer networks before backfilling operations commence.
- Prepare and submit samples and technical specifications for mechanical materials and equipment for approval.
- Review quality procedures for installation and hydro testing, ensuring proper maintenance and safe storage of all engineering equipment.
- Monitor health and safety conditions at the job site to maintain a safe working environment.
- Oversaw the installation and inspection of HDPE, PPR, and firefighting systems, ensuring compliance with industry standards and safety regulations.
- Conducted electric fusion welding of HDPE pipes, ensuring high-quality, leak-free connections for water and gas distribution systems.
- Managed the installation and maintenance of HDPE piping systems in residential and commercial environments, adhering to safety protocols and performance standards.
- Executed butt and socket fusion welding techniques, optimizing parameters based on pipe specifications and environmental conditions.
- Performed regular inspections and quality control tests on welded joints to ensure compliance with project specifications and safety standards.
- Installed PPR pipes for sanitary systems and toilet applications, facilitating effective water supply and drainage.
- Diagnosed malfunctions in pipe systems, identifying issues and implementing appropriate solutions.
- Filled pipes and plumbing fixtures with water or air, utilizing pressure gauges to detect and locate leaks.

- Installed and maintained firefighting piping systems to ensure reliability during emergencies.
- Oversaw the installation of pump rooms, including pump selection, piping layout, and system integration, to optimize performance and reliability.

**GLOBAL CHEMICALS AND MAINTENANCE SYSTEM LLC.
MASIRAH, OMAN.**

Mechanical Site Engineer

2018 – 2020

PROJECT: MASIRAH ISLAND POWER PLANT (56-MW).

- Conducted installation and inspections of above-ground hot and cold-water pipes, ensuring compliance with project specifications and safety standards.
- Oversaw the installation and inspection of various pumps and air line systems, confirming proper functionality and adherence to regulations.
- Performed inspections on pump vibrations, alignment, frequency, coupling gaps (motor and pump), and pump running direction to maintain operational efficiency.
- Installed and inspected plumbing and firefighting systems, ensuring reliable performance and safety.
- Managed the installation of diesel and water tanks in accordance with engineering drawings and specifications.
- Conducted comprehensive valve testing activities to ensure operational integrity and compliance with industry standards.
- Oversaw the installation and inspection of safety valves, verifying adherence to all specifications.
- Inspected flange faces and flange joint assemblies, ensuring proper bolt tightening and secure connections to prevent leaks.

**PLUMBING CONSULTANT SUHAIL AHMED ASSOCIATES
PAKISTAN.**

Mechanical Site Engineer

2020 – 2021

PROJECT: ZEE AVENUE-RAMADA HOTEL, LAHORE.

- Performed installation of HVAC, plumbing, and firefighting systems.
- Conducted visual and dimensional inspection of piping, tanks, and pressure vessels.
- Supervise with NDT technicians and review test results.

- Ensure that all gravity drainage network slopes adhere to code standards and coordinate the layout of floor drains with toilet tile designs.
- Inspect underground drainage systems, potable water lines, manholes, and wet well conditions to ensure operational integrity.
- Oversaw the installation of pump rooms.
- Installed PPR pipes for sanitary systems and toilet applications, facilitating effective water supply and drainage.

ALBARIO ENGINEERING (PVT) LTD. QADIRA BAD, PAKISTAN.

TRAINEE ENGINEER

2016 – 2017

PROJECT: COAL FIRED POWER PLANT (1320-MW).

- Assisted in various engineering tasks, gaining hands-on experience in mechanical systems.

EDUCATION:

BSc MECHANICAL ENGINEERING TECHNOLOGY.

Government College University Faisalabad, Pakistan

Graduated: 2013-2017

SKILLS:

- AutoCAD (2D & 3D)
- MS OFFICE

LANGUAGES:

- URDU
- ENGLISH
- ARABIC

REFERENCE:

It can be provided on demand.