

Curriculum Vitae

Eng. Ahmad Tayseer Taher Ahmad – MEP Manager

Profession : **Mechanical Engineer**
Nationality : **Jordanian**
Date of birth : **1977**
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Member of the : **Saudi Council of Engineers.**

Qualifications

2002, Bachelor of Mechanical Engineering – Philadelphia University – Jordan

Basic qualifications

MEP Manager ,with more than 21 years of diversified experience in Projects Management, Construction, Consultancy and T&C. Full Aware of all Project Management process with proven successful projects records ,aware of MEP Standards on Practical Projects, International Electromechanical Codes and Requirements, HVAC ,Fire Fighting, Plumbing, BMS and Smoke Management , In–depth knowledge and Experience of Electromechanical Design, consulting, Implementation and Testing & Commissioning for all Electromechanical systems as Per International Codes.

Practical experiences

2023 until now: Shiph Aljazirah Contracting Company – (Riyadh – Saudi Arabia – 4.5 km Qidiyah Tunnel project – MEP Construction Manager

– The project consists of:

1. Electrical rooms.
2. Generators
3. RTUs.
4. Diesel tanks
5. Fire alarms
6. 9 km fire pipes deluge
7. Fire hose cabinets
8. Fire pumps (jokey, electrical, diesel pumps for jokey and fire stand)

9. 4.5 km Irrigation and Potable pipes
10. Traffic control system.

Responsibilities:

- Responsible for the management of the MEP site team including mentoring, scheduling their activities, and leading coordination meetings, recruitment and performance management of the team members.
- Directing the MEP site team through all construction phases of a project including contractor coordination and all aspects of site management.
- Contact suppliers of electrical and specialty systems, plumbing and fire safety materials/equipment, HVAC, etc.
- Monitoring MEP system installation progress, quality and safety, and initiating action to rectify any non-conformance.
- Review, comments and recommends course of action for all MEP technical submittals, material, shop drawings, methods statements, etc., for final approval of the consultant and client's as well.
- Supervise onsite MEP contractor(s) for their safety, quality, equipment and maintenance of appropriate resourcing levels.
- Preparing MEP progress information for inclusion in the project report, providing all relevant information to the project manager.
- Monitoring the preparation of MEP contractor's final accounts obtaining relevant certificates and submission to the client for payment.
- Ensuring the inclusion in the contract and subsequently requesting the design team, consultants and contractors to supply the client with as-built drawings, including but not limited to, installation drawings, operations and maintenance manuals.

**2021 to 2023: MORGANTI SAUDI ARABIA LTD supervision JV with Arabtech
Jardaneh – (Makkah Al-Mukarramah Region), Jeddah – Saudi Arabia – King
Abdulaziz Airport Desalination Plant Project – MEP Manager**

- The project consists of:
 11. Underground facilities (GRP, HDPE, Ductile, PVC).
 12. Air conditioning systems (AHU, Package Units, Split Package Units, Split Unites, Exhaust Vans)
 13. Extinguishing system, alarm and fire pumps.
 14. FM200 system.
 15. Foaming system.
 16. Boiler plant.
 17. Gas holder tanks.
 18. Bio Digester Cabinets (GLS).

19. Pump rooms.
20. Wastewater treatment plant equipment.
21. Electric generators.
22. Scada room.
23. Implementation and installation of heating, ventilation and air conditioning systems, fire systems, water supply, sewage, and desalination plant.

Responsibilities:

- Lead and perform systems test activities in field environments.
- Meeting with clients to discuss their technical and engineering needs.
- Interact with other engineers, clients, consultants, and contractors as required.
- Lead and manage team and expertise to the overall Quality procedure and standards to support proper and smooth execution of all MEP activities in meeting the specified standards and requirements.
- Lead and direct system commissioning (cutover) activities with workgroups to complete putting a system into service.
- Identify operational and technical problems and assist in practical solutions and improvements to system design when appropriate.
- Communicate all identified problems and recommended solutions with Senior Engineer, Supervisor and/or Project Lead for further action.
- Reviewing all the MEP Systems Engineering design and Material Submittals and coordinating between consultant, contractor, and the client, to resolve problems within the scope of the design and construction.
- Conducting site observation surveys and preparing field reports on the status of projects and completion of projects with respect to compliance with the plans and specifications.
- Preparing punch list reports and determining corrective measures for on-site problems.

2019 to 2021: Saudi Bin ladin Group Company – Riyadh – Saudi Arabia – MEP Manager

- 1. CMA Tower King Abdullah Financial Project Riyadh:** The project includes Piping, GRP tanks Pump Stations, Solar Systems, RO Plant, Well Pumps, Water Purification systems, FM 200, AC, Ducting, Elevators, underground Utilities, shafts piping.
- 2. King Faisal Air Force Academy:** The project includes infrastructure, tanks & other utilities like Potable water Lines Sewage Lines Transfer lines from Wells to all services in the project along with R.O. Plant and sewage treatment plant.

Responsibilities:

- Lead and perform systems test activities in field environments.
- Attending regular meetings (progress, coordination, design, etc.) with Subcontractor and Consultant to discuss key issues related to the project and take effective corrective actions.
- Monitoring project budgets and schedule and overseeing performance to ensure on time, quality and on budget project execution.
- Ensure all technical aspects of the projects are strictly complied with and in conformity with Conditions of Contract, Particular Specifications, General Specifications, Contract Drawings & BOQ.
- Ensure that the health and safety requirements are provided and that they comply with the authority's regulations.
- Provides guidance, managerial, technical support to complete project team.
- Analyze drawings, specifications, and statements of work in the preparation of activity networks for project resource planning and scheduling.
- Coordinate with the design team on all aspects of the design.
- Meeting with clients to discuss their technical and engineering needs.
- Interact with other engineers, clients, consultants, and contractors as required.
- Lead and manage team and expertise to the overall Quality procedure and standards to support proper and smooth execution of all MEP activities in meeting the specified standards and requirements.

2016 – 2019: Water secret Company – Jeddah – Saudi Arabia – Mechanical Technical Manager

- 1. MOI Housing for Riyadh Project Design and Pricing quotation:** Project Duty to design the main pump rooms, underground utility for sewer and potable lines, R.O. Plant 6000 M3/Day, HVAC and Fire Systems.
- 2. MOI Housing Sharorah. Project Design and Pricing quotation:** Project Duty Deep Well 1300 Meter, R.O. Plant 1400 M3/day along with cooling towers, Potable water network along with Product tanks. Pumping station to all Buildings, Under Ground Utility (Domestic, Potable and sewer network), Evaporation Bond, HVAC and fire systems for the plant. Scada and BMS connections
- 3. Arana Sewage treatment Plant (Project Design and Project Manager):** Increase the capacity of the plant from 250,000 m3/day to 350,000 m3/day by increasing the aeration rate and dewatering system with drying system.
- 4. King Khalid International Airport (Project Design):** Deep Well 2405 meter deep, RO plant 6000M3/Day, Cooling Towers, Underground Utility, Potable Water tanks along with network.

5. **MOI Housing Jizan (Project Design):** 2407 m3/day Sewage treatment plant, Lift Stations, Sewer Network, TSE Lines to Irrigation Tank, Underground utilities. Emergency Generators.
6. **Renovation of al Khaimah 250,000 M3/Day Sewage Treatment plant. (Project Manager):** Renovation of Some Plant equipment.

Responsibilities:

- Designing projects according to the client's need.
- Control the design of projects to be within the acceptable price range.
- Monitoring project construction costs to ensure that they are within the acceptable price range.
- Work on site execution plans.
- Manage the work team to get the work done quickly and accurately.

**2002 to 2016: Saudi Bin Laden Group Company – Riyadh – Saudi Arabia –
Project Manager – Mechanical Engineer**

1. **King Abdullah Financial District. (Project Manager):** GRP Tanks, Solar System, Pumping stations between layers, Sewage network, Domestic Networks, Elevators, HVAC, Fire system.
2. **Correctional Facilities (Project Manager):** Deep Well 2200 meter Deep, Cooling Towers, 2400 STP and R.O Plant, Pump Rooms, Under Ground Utilities, Fire Systems, HVAC Systems, Boiler Plante All services in Hotel Building.
3. **National Guard Hospital (Project Manager):** Sewage Treatment Plant 2000 m3/day, Underground utilities, Evaporation Pond, HVAC Systems (Chiller Plant), Cooling Towers, Boiler plant =1 megawatt, Underground Steam Pipes and Condensate Return, Swimming Pools Pump Room. DI Systems for laboratory areas, Hospital Oxygen Blowers along with piping, Kidney Chairs along with all connections needed with treatment plant, Heat Exchangers, operation rooms piping Mortuary anatomy rooms and Mortuary refrigerators.
4. **Rawdat Khraim Palace. (Project Manager):** RO Plant, Sewage Treatment Plant, Hot water Boiler Plant, Under Ground Utilities, Swimming Pool Pump Room, Heat Exchangers, Swimming Poole Treatment, Pumping Stations (Mechanical Room).
5. **Central Security Buildings Extension. (Project Site Manager):** R.O. Plant, Sewage Treatment Plant, Pumps Room, HVAC, Fire System, Elevators, Underground utilities.

- 6. Prince Nayef Academy (project Site Manager):** Deep Well 2200 meter Deep, Cooling Towers, 12000 STP and 5000 R.O Plant, Pump Rooms, Under Ground Utilities, Fire Systems, HVAC Systems, Main Pump Room.
- 7. Dammam Half Moon Pay Palace (Project Engineer):** R.O. Plant, Sewage Treatment Plant, Underground Utilities, HVAC, Fire System.
- 8. Central Security Buildings (Project Engineer):** R.O. Plant, Sewage Treatment Plant, Pumps Room, HVAC, Fire System, Elevators, Underground utilities.
- 9. King Salman Palace (Site Engineer):** 6 wells, Collection Tank, Transfer Pumps Pump Rooms, chiller plant along with chiller pipes, Swimming pools pump room.

Responsibilities:

- Project management to ensure all work is completed on time with high quality and within specified costs.
- Manage the team in an effective manner and direction to ensure the completion of work with high quality and without errors.
- Monitor batch progress and project budget.
- Preparing a monthly report that includes project progress, cost accounts and invoices.
- Coordinate and work with the project management team to resolve project issues to ensure delivery/completion of project work.
- Implementation, installation and maintenance of heating, ventilation and air conditioning systems, fire systems, water supply and sanitation.
- Limiting the quantities of materials needed for work and ordering them.
- Reviewing design and technical drawings.
- Directing the team to perform the work according to the requirements of the project in terms of specifications and executive drawings.
- Supervising workers and technicians, setting work priorities, and distributing tasks.

Work Experience Countries

Saudi Arabia 2002 to date

Languages

	Speaking	Writing	Reading
Arabic		Native language	
English	Excellent	Excellent	Excellent