



ESAM MANNA

PMP, MECHANICAL ENGINEER

GET IN CONTACT

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Address : Kuwait – Salwa

PERSONAL PROFILE

- Proficient Mechanical Engineer with motivated to meet deadlines and able to work independently and make decisions within assigned scope of responsibility.

WORK EXPERIENCE

2021 – Present

MECHANICAL ENGINEER

PACE-Kuwait

Project:

Grand Sea & Park Towers (Plots 161 & 52 – Hessa AL Mubarak).

Plot Area: 7337 Sq.m. 3 Towers with 40 Floors each.

Scope Summary:

- HVAC using more than 1400 VRF units in all towers.
- Firefighting systems using FM-200 for the substation and Foam for the generator room.
- Four firefighting pumps at 1000 GPM each.
- Plumbing and irrigation system with multiple pumps i.e. (Booster pumps, Transfer pumps & Sump-Pumps).
- 3 Multidirectional BMU Systems one on each tower
- Multiple Swimming pool systems and Jacuzzies.
- Multiple fountains and water features.
- 3 garbage chute systems, one in each tower.

Responsibilities:

- Ensure that the Contractor is following contract documents.
- Inspect installations and constructions and provide feedback on quality to ensure compliance of the installation with the design drawings, specification, Local code/standard & regulations i.e. (MEW, MPW, KFF).
- Inspect site deliveries to ensure compliance with the specifications and approved materials.
- Issue Job site instructions (JSI) and non conformance report (NCR).
- Witness testing and commissioning of Mechanical Installation in order to ensure that the systems are achieving their intended performance.
- Snag outstanding/defective work for Contractor to action.
- Review As Built drawings and Operation and Maintenance Manuals to ensure correctness completeness and that they are in-line with the specifications.
- Coordinate and direct the Mechanical contractor in coordination with other services and finishes.
- Ensure that the Contractor is following safety procedures.



Dec 2020 – Jun 2021



PROJECT ENGINEER

ATLAS BLUE – KUWAIT

- Managing over 250 projects across the country i.e. (Villas, semi-Olympic, Commercial, Jacuzzies, fountains and water features.
- Solving site issues related to pools piping routes and electro-mechanical installation.
- Reviewing pools drawing and modifying the cad designs based on site conditions.
- Inspecting All plumbing related works as per approved drawings.
- Inspecting Mechanical Equipment installation including its accessories, valve connections and fittings.
- Inspecting and verifying water tanks locations and sizes as per standard requirements.
- Inspecting and verifying water features designs and proper functionality as per approval.
- Verifying and issuing check-lists for each stage of each project.
- Handling clients and contractors, managing the installation schedules based on each project progress percentage.

Jun 2018 – Dec 2020



Maintenance and Quality Engineer

Lexus & Toyota – Kuwait |

- Performing ECU reprogramming.
- Diagnosing problems that happen to encounter us in the field.
- High knowledge for vehicles mechanical and electrical systems.
- Managing garage loads and schedules.
- Getting clients repair approval and explaining all repair details.

Oct 2017 – Dec 2017



Mechanical Engineer Trainee

Toyota – Kuwait.

- Learned the basics of the vehicles and components, reprogramming ECU and performing field mechanical repairs.

Jun 2011 – Sept 2011



Mechanical Engineer Trainee

Fluor/Kharafi National – Kuwait.

- Worked in EF-1713 piping erection from Khadma junction to Doha (East, west) and Subiya power stations.
- Material quantity surveying
- Reviewing Isometric and AFC Drawings

EDUCATION HISTORY

APPLIED SCIENCE PRIVATE UNIVERSITY (AMMAN)

Bachelor of Mechanical Engineering, 2017/2018

AREAS OF EXPERTISE

- Autocad advance design
- Solidworks advance design
- HVAC analysis
- Solar system analysis
- Piping system analysis
- Review shop drawings.
- S.A.P Systems for maintenance.

CERTIFICATIONS

- Project Management Professional – PMP #3300661
- Basic Fire warden #9726/31082022
- Basic First aid training/CPR #9843/29082022
- Kuwait Engineering Society – Data Flow Approved # 31237
- Jordanian Engineering Society # 328988