



Curriculum Vitae

Personal Information:

Name: Mohammed Marwan Damerly.
Date & Place of Birth: Jan 1st, 1981, Syria.
Marital Status: Married.
Military Service: Finished.
Permanent Address: KSA.

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Education:

B.Sc. Mechanical Engineering, September 2005,
(Overall Grade: Good)
Department of Mechanical Power Engineering. Faculty
of Mechanical & Electrical Engineering.
Damascus University, Syria.

Research:

Design & Study of HVAC Systems intended for a Hotel.

Professional Experience:

Zaid Al Hussain & Brothers Group (5L\DGK – Ksa) Technical project manager & Senior Mechanical Procurement Engineer (Dec 2021-Now)@ King Abdullah International Gardens

1-Technical Project Manager:

- Reviewing tender calculation and update calculation for all mechanical system.
- Making Hap Calculation for Many Building Such as Management Building, South Restaurant, North & South Tower.
- Preparing the shop drawing for all HVAC system (Chillers ,ahus, Vavs ,Cavs, Fcus ,Duct Splits ,Mini Split ,VRF).

-Preparing the shop drawing for all Firefighting Works (sprinklers, FM 200, foam system).

-Preparing the shop drawing for plumbing System (sewer system, water supply system, and storm) inside building and site development.

-Making coordination shop drawing for the all-mechanical and electrical systems inside the buildings and Infrastructure.

2-Senior Mechanical Procurement Engineer:

- 1- Material Submittal for Black Steel Pipes & Threaded fittings Black Steel.
- 2- Material Submittal for Hangers and Supports for Mechanical Works.
- 3- Calculation & Material Submittal For LPG System complete Including Tanks, Plants, Equipment and Pipe Works.
- 4- Material Submittal for Fan Coil Units.
- 5- Calculation & Material Submittal & Factory Drawing for Air Handling Units.
- 6- Calculation & Material Submittal Exhaust for generator Fans.
- 7- Calculation & Material Submittal & Factory Drawing for Inertia Filter & Bleed Fan
- 8- Material Submittal & Factory Drawing for Vibration Isolators for AHU.
- 9- Material Submittal & Factory Drawing for Lift Station (Pumps -Pipes -SupportEtc) .
- 10- Material submittal for tertiary chilled water pumps.
- 11- Material submittal for Secondary Chilled Water Pump.
- 12- Material submittal for Primary Chilled Water Pump.
- 13- Material submittal for Mechanical Identification for Duct Works.
- 14- Material submittal for Fuel Storage Bulk Tanks for Boilers & Generators.
- 15- Material submittal for Fuel Daily Tanks for Boilers & Generators.
- 16- Material submittal for Fuel System Pumps, Pipes, Fitting, Control Etc.
- 17- Calculation & Material submittal for Expansion Tanks.
- 18- Calculation & Material submittal for Pressurization Unit.
- 19- Calculation & Material submittal for Air Separator.
- 20- Material submittal for Flanges and Gasket For CHW/HW Piping Network
- 21- Material submittal for Chemicals, Dosing Systems & Manual Dosing Pot.
- 22- Material submittal for Chemicals flushing system.
- 23- Material submittal for GRP Tank (for Mockup tanks EC 02).
- 24- Material submittal for 1st Fix & 2nd Fix Materials (Mechanical and Releasing System) FM 200.
- 25- Material submittal for 1st Fix & 2nd Fix Materials foam system.
- 26- Calculation & Material Submittal for FM 200 All Electrical & It Rooms In The Project.
- 27- Calculation & Material Submittal For foam system in the generator room.
- 28- Material submittal for RO Plant
- 29- Material submittal for STP MBR Plant
- 30- Material submittal for valves.
- 31- Material submittal for VRF SYSTEM
- 32- Material submittal for overhead crane for generators.
- 33- Material Submittal for Sound Attenuator.
- 34- Material submittal for Elevator Submersible Pump.

**Zaid Al Hussain & Brothers Group (Ras Al Khir – Ksa)
Mechanical Superintend Engineer (April 2019– Dec 2021)
Royal Commission For Jubail @ 23J-CO5 – P & C Of Rc Support
Service Facilities.**

Supervisor & responsible for all mechanical works:

- Plumbing Works (sewer system, water supply system, irrigation, and storm inside the building and infrastructure).
- Hvac (Package Units ,vavs ,cavs, duct splits ,mini split).
- Firefighting Works.
- Electrically Operated Hydraulic Dock Leveler with Shelter.
- Big Steel Tanks (Firefighting Tanks DIA 12MTR & Raw Water Tank, DIA 5 MTR).
- Steel Sliding Gate.
- Arm Barrier.
- Roll up Doors.
- Fuel Station.
- Cold Room.
- Preparing the shop drawing for all mechanical system HVAC, Firefighting, plumbing inside building and site development.
- Making coordination shop drawing for the all-mechanical and electrical, systems inside the buildings and Infrastructure.
- Preparing the method of statement for all mechanical System inside, The building and site development.
- Preparing the ITP for all mechanical System inside building and site development.
- Making technical materials submittals and getting the approval from the Consultant (Rc).
- Making the FCD (Field Change Document) for all mechanical works.
- Making the technical query for all mechanical works.
- Requesting all mechanical materials for the project.
- Follow up the materials with procurement and suppliers.
- Making the plan for all mechanical works as per milestone of the project.
- Follow-up All QC mechanical Engineer and Site mechanical Engineer.
- Supervisor the installation electrically operated hydraulic dock leveler with shelter,
- Supervisor the installation of steel tanks [firefighting tanks & raw water tank,
- Supervisor the installation of steel sliding gate,
- Supervisor the installation of Arm Barrier,
- Supervisor the installation of Roll up Doors,
- Supervisor the installation of fuel station,
- Supervisor the installation cold room.
- Laying Down "As Built Drawings" For all mechanical systems.
- Making IOM submittals and getting the approval from the Consultant (Rc).

**China Geo Engineering Co (Ras Al Khir – Ksa)
Mechanical Superintend Engineer (Aug 2017 – April 2019) Royal
Commission For Jubail @ I14-CO2– Main Security Building.**

- Supervisor & responsible for all mechanical works:
- Plumbing Works (sewer system, water supply system, irrigation, and storm inside the building and infrastructure).
- Hvac (chiller, Ahus,Vavs , Duct Splits ,Mini Split Units , Cassette Units, CRAC Units).
- Firefighting Works.
- Preparing the shop drawing for all mechanical system HVAC, ,Firefighting ,plumbing inside building and site development.
- Making coordination shop drawing for the all-mechanical and electrical systems inside the buildings and Infrastructure.
- Preparing the method of statement for all mechanical System inside building and site development.
- Preparing the ITP for all mechanical System inside building and site development.
- Making technical materials submittals and getting the approval from the Consultant (Rc).
- Making the technical query for all mechanical works.
- Requesting all mechanical materials for the project.
- Follow up the materials with procurement and suppliers.
- Making the plan for all mechanical works as per milestone of the project.
- Follow-up All QC mechanical Engineer and Site mechanical Engineer.
- Laying Down "As Built Drawings" For all mechanical systems.
- Making IOM submittals and getting the approval from the Consultant (Rc).

**Anmatt Al-Amar Construction Co (Dammam – Ksa) Senior
Mechanical Engineer (Sep 2016 – Jun2017).
For Many Projects Such As NCB Bank Dammam, NCB Bank Al
Jubil ,Maternity & Children Hospital @Dammam, King Fahed
Hospital Renovation (2nd Floor @ Al Hassa -Mohuidb Business
Quarter Building, Anmatt Wood Factory, AL Omair Apartment,
Swikuit Apartment .**

- Supervisor & responsible for all mechanical works:
- Plumbing Works (sewer system, water supply system, irrigation, and storm Inside the building and infrastructure).
- Hvac (Chiller –Ahus & Package Unit, duct splits, cassette units, mini split).
- firefighting works.
- Medical Gas System.
- Preparing the shop drawing for all mechanical system HVAC, Firefighting, plumbing inside building and site development.
- Making coordination shop drawing for the all-mechanical and electrical systems inside the buildings and Infrastructure.
- Making technical materials submittals and getting the approval from the Consultant.

- Requesting all mechanical materials for the project.
- Follow up the materials with procurement and suppliers.
- Making the plan for all mechanical works as per milestone of the project.
- Laying Down "As Built Drawings" For all mechanical systems.

Manazel Construction (Al Hasa – Ksa) Mechanical Project Manager (Jan 2016 – Sep2016)@ National Guard - Specialize Hospital Building.

Supervisor & responsible for all mechanical works:

- Plumbing Works (sewer system, water supply system, irrigation, and storm inside the building and infrastructure).
- Hvac (Chillers ,boilers,Ahus, Energy Recovery Units, Sound attenuators ,Exhaust Fans & Fcus).
- Firefighting Works (wet system, foam system, clean agent system, fm200).
- Medical Gases system (medical screw air compressors, medical vacuum plant, medical gas N2O , medical gas O2) .
- Pneumatic System.
- Cold Rooms.
- Water Treatment.
- Nuclear Waste.
- Steam Generator.
- Preparing the shop drawing for all mechanical system HVAC
- Firefighting –plumbing inside building and site development.
- Making coordination shop drawing for the all-mechanical and electrical systems inside the buildings and Infrastructure.
- Preparing the method of statement for all mechanical System inside building and site development.
- Preparing the ITP for all mechanical System inside building and site development.
- Making technical materials submittals and getting the approval from the Consultant.
- Making the technical query for all mechanical works.
- Making the Change orders for all mechanical works.
- Requesting all mechanical materials for the project.
- Follow up the materials with procurement and suppliers.
- Making the plan for all mechanical works as per milestone of the project.
- Follow-up All mechanical Site Engineers.
- Laying Down "As Built Drawings" For all mechanical systems.
- Making IOM submittals and getting the approval from the Consultant.

**Manazel Construction (Dammam – Ksa)
Senior Mechanical Engineer (Feb 2012 – Dec 2015)
@ Dammam University –Deanery Building.**

Supervisor & responsible for all mechanical works:

- Plumbing Works (sewer system, water supply system, irrigation, and storm inside the building and infrastructure).
- Hvac (Chillers, Ahus, Exhaust Fans, mini split units).
- Firefighting Works (wet system, fm200).
- Preparing heat load calculation with Hap 4.41 and getting the approval from the consultant then the client.
- Preparing calculation smoke evacuation system.
- Preparing calculation for pressurization system.
- Preparing the shop drawing for all mechanical system HVAC
- Firefighting –plumbing inside building and site development.
- Making builder opening drawings for precast howlcore slab and precast cladding.
- Making coordination shop drawing for the all-mechanical and electrical systems inside the buildings and Infrastructure.
- Making technical materials submittals and getting the approval from the Consultant.
- Making the technical query for all mechanical works.
- Making the Change orders for all mechanical works.
- Making estimation for mechanical materials.
- Requesting all mechanical materials for the project.
- Follow up the materials with procurement and suppliers.
- Making the plan for all mechanical works as per milestone of the project.
- Follow-up all mechanical works and all sub-contractors.
- Laying Down "As Built Drawings" For all mechanical systems.
- Making IOM submittals and getting the approval from the Consultant.

**Nahas for Trade & Machinery (Damascus – Syria) Agent
of Cooline® (Zamil) HVAC systems.
Operator, Executive & Maintenance Engineer (March 2009 –
Dec2011)**

- Preparing technical and financial offers in relation to the HVAC systems.
- Computer Selection For All Zamil Hvac Products (Ahus-Chillers-Package-Fcus...Etc.)
- Following-up and supervising the execution of the company's projects.
- Implementing and commissioning of the HVAC systems.
- Supervising the maintenance of chillers and other HVAC Equipment.
- Marketing the Company's products.
- Exploring new opportunities and projects

Lermon Factory (Aleppo-Syria)

Executive Manager Assistant (May 2007 – Feb 2009)

- Designing & Drawing Metal Molds.
- Studying and preparing the B.O.Q (Bill of Quantities) for needed raw material.
- Analyzing and determining the Price Estimation for all factory products.
- Supervising the manufacturing of company's products (Metal Beds, Metal Wardrobes, Trays & Cooking pans).

TEC – CENTER Company (Riyadh & Makah- Kingdom of Saudi Arabia)

Project Manager Assistant (April 2006 – April 2007)

- Checking, Designing & Studying HVAC systems for palaces & hotels.
- Laying down "As Built Drawings" for HVAC systems.
- Studying and preparing the B.O.Q (Bill of Quantities) for HVAC Systems.
- Analyzing and determining the Price Estimations for HVAC Systems.
- Shop Drawing for HVAC Systems (VRV (Daikin) - Chillers- Fan coil unit-Package unit - Concealed Ducted-mini split – Wall mounted.....etc).
- Checking, Designing & Studying Plumbing & Fire Fighting Systems.
- Laying down "As Built Drawings" for Plumbing & Fire Fighting Systems.
- Studying and preparing the B.O.Q (Bill of Quantities) for Plumbing & Fire Fighting Systems.
- Analyzing and determining the Price Estimations for Plumbing & Fire Fighting Systems.
- Shop Drawing for Plumbing & Fire Fighting Systems.
- Supervisor responsible for HVAC (Chiller Systems), Plumbing & Fire Fighting in Raias Hotel - **Makah.**

Skills & Courses:

Design Programs

- AutoCAD.
- Autodesk Mechanical Desktop.
- SolidWorks.
- 5 Days Construction Management Safety Training.
- Lifting Competent Person.

HVAC Programs

- Chvac
- Hap 4.41
- Trace 700.
- Load express.

MS-Office

- MS Excel & Word.

Languages

- Arabic (Mother Tongue).
- English (Good).

Note: I Have Transfer iqama