

Amr Ramadan Saad

Cairo – Egypt

Mobile number : 01271585106

E-mail : Amrramadan670@gmail.com

Military Status : Exempted

Social Status : Married

● Objectives

Accomplished, proactive mechanical engineer, possess extensive educational qualifications with Bachelor degrees in mechanical Engineering. Recognized for strong adherence to safety, ability to work well as a team member and leader. Proven technical, inter personal communications, and training skills. Technically sound, but also exhibit the analytical skills and creativity necessary for innovative thinking and making decisions.

Experience

• HVAC Engineer at Vital Konzept Consultant (VK) (January 2024-present)

Site: Baheya Foundation for Early Detection Treatment of Breast Cancer-Egypt

Owner: Baheya Foundation.

Responsibilities:

Inspection of all HVAC works:

- three chillers with 630 TR Capacity for each. (including pump Room, three cooling tower, hookup)
- 47 Air Handling unit AHU (AHU'S- FAHU'S) with hookup.
- 302 FCU'S with hookup.
- 168 fans (smoke fans, fresh air fans, exhaust fan , jet fans,...)
- all piping work for chillers ,all duct work (blacksteel ,galvanized steel, stainless steel for hygienic areas)
- Managing and reviewing all documentary papers (Shop Drawing,RFI'S,MAR'S,CIR'S, MIR'S, MSR'S,SI,NCR,SNAR.....)
- Submit weekly and monthly reports for work progress to PM (RE).
- Managing ,evaluating contractor's progress as milestones, look ahead dates to achieve milestones as targeted.
- attending to all meeting with board team to manage process.

• Senior site Engineer at EL HAZEK Construction (EUC) (March 2022- January 2024)

Site: marassi-Sedi Abdel Rahman-North coast-Egypt

Owner: Emaar

Consultant: ECG

Responsibilities:

- Managing / Installation of Swimming pools ,Pump Room & MEP tanks (From concrete & builder work process). - Managing / Installation of Water supply network & risers, Plumbing Networks (U/G, H/L) & risers up to fixture fixation (finish). - Managing subcontractor for installing /Supplying Ductwork of HVAC System.
- Managing all documentary papers (CIR'S, MIR'S, MSR'S.....)
- acting as QS engineer, survey all materials for scope of work targeted within 3 months, creating PR & follow up with supply &chain until material delivered to site.
- Coordinating with civil , mechanical, ARCH Technical office to avoid mis-coordination and clashes. - Managing/Evaluating Subcontractors Performance, progress & Quality to Report Project Manager. - Follow up with planning Dept. To achieve targets as scheduled.
- acting as A QC Engineer (Receive all materials and ensure that are according to the required specifications and raise to CM,

- ensure that samples are taken and approved for testing and certification)
- Electromechanical Coordinator.
- Submit weekly and monthly reports for work progress to PM.

•Senior site Engineer at MIRATECH (MEP specialist) (November 2021– March 2022)

Site: ZED Towers – sheikh Zaid City – Egypt

Owner: ORA

Main Contractor: ORASCOM

Consultant:ECG

Responsibilities:

- Managing subcontractor for installing /Supplying Ductwork of HVAC System.
- Managing / Installation of Chilled Water supply pipes Network Including Hookup of AHU'S & FCU'S. - Installation of Seismic supports of Ductwork system, firefighting system & chilled water system.
- acting as A QC Engineer (Receive all materials and ensure that are according to the required specifications and raise to PM, ensure that samples are taken and approved for testing and certification)

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• Mechanical Site Engineer at GAMA Construction from (November 2020 – November 2021)

Site: International sports city for Olympic Games (Aquatic Center) – New Capital.

Consultant: COSMOS

Responsibilities:

- Managing / Installation of Swimming pools (Olympic, Diving & Training pool), Pump Room & MEP tanks (From concrete & builder work process).
- Managing / Installation of Water supply network & risers, Plumbing Networks (U/G, H/L) & risers.
- Managing / installation of Air Handling units (AHU'S), Fan Coil Units (Copper Pipes system& Water pipes system), Supply & Exhaust fans, VAV Boxes.
- Managing subcontractor for installing /Supplying Ductwork of HVAC System.
- Managing / Installation of Chilled Water supply pipes Network Including Hookup of AHU'S & FCU'S. - Installation of firefighting network & inergen systems.
- Installation of Seismic supports of Ductwork system, firefighting system & chilled water system.
- Managing all documentary papers (CIR'S, MIR'S, MSR'S.....)
- acting as A QC Engineer (Receive all materials and ensure that are according to the required specifications and raise to CM, ensure that samples are taken and approved for testing and certification)
- Electromechanical Coordinator.
- Submit weekly and monthly reports for work progress to CM.

• Mechanical Site Engineer at Hassan Allam Technologies from (October 2019–November 2020)

Site: Ministries project site – New Capital.

Consultant: AL-DAR

Responsibilities:

- Managing / Installation of Water supply network & risers, Plumbing Networks & risers.
- Managing / installation of Air Handling units (AHU'S), Fan Coil Units (FCU'S), Supply & Exhaust fans, VAV Boxes. - Managing subcontractor for installing /Supplying Ductwork of HVAC System.
- Installation of firefighting network.
- Testing and Balancing of Air Handling units (AHU'S) and Air outlets.

• Mechanical Site Engineer at Besix-Orascom (BOJV) Construction Industries from (March 2016–October 2019)

Site: Grand Egyptian Museum GEM III

Consultant: HILL-EHAF JV

Responsibilities:

- Managing / Installation of Water supply network & risers, Plumbing Networks & risers.
- Managing / installation of Air Handling units (AHU'S), Fan Coil Units (FCU'S), Supply & Exhaust fans ,VAV Boxes. - Managing subcontractor (El Salam ,Newmatco,Desteel) for installing /Supplying Ductwork of HVAC System. - Managing / Installation of Chilled Water supply pipes Network Including Hookup of AHU'S & FCU'S. - Installation of firefighting network & inergen systems.
- Installation of Seismic supports of Ductwork system, fire fighting system & chilled water system. - Test & commessioning for light current system (fire alarm system, VESDA System)
- Woking on Accessibility for all Items and devices for whole project.

▪ Mechanical Site Engineer at Mechanical Consulting Company (MCC) from (August 2015 – March 2016)

Site: El Salam International Hospital.

Responsibilities:

- Quantity survey (QS) of Ductwork.
- Installation & Insulation of Ductwork.
- Testing and Balancing of Air Handling units (AHU'S) and Air outlets.

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Skills

- Fast learner & hard worker.
- Ability to work under stress.
- Fluent English spoken and written.
- Good understanding of technical concepts.
- Good in time management.
- Very good communication skills.
- Working good with windows 7,10 & Microsoft office programs (Word , Excel, power point , outlook) - Very good at Using AutoCAD 2D, 3D and Revit MEP.

Education

- Bachelor degree in B.Sc.s. of mechanical Power Department (HVAC Specialist)
- Benha University
- July 2015
- Grade: Accepted Graduation Project: Thermal Energy Storage (TES) System. Grade: Excellent.

Courses

- Construction project management-colombia university
- AutoCAD 2D, 3D.
- Microsoft Office.
- Autodesk Revit MEP.
- OSHA Construction Safety and Health.

