

Ahmed El-Shantoury

Tel.: +966545502159

Email:

shantar_eng@hotmail.com

HIGHLIGHTS

A OSHA and Primavera certified with a strong academic background followed with nearly 17+ years of experience in Pipeline, Piping layout, MEP, Design and Detail engineering of MEP services and Infrastructure pipeline system associated with both Building Services and civil industry. I am technically motivated with the potential to execute the project successfully on schedule using the optimal resources. My experience in various projects have enhanced my ability to work as a team and improved my interpersonal and project management skills.

Working as a Site Mechanical Engineer and I have been involved on large private/governmental mega projects, both in the technical office and on site. I had the opportunity to gain vast experience such as technical specifications, materials, contracts, documentation, planning, quality, safety, coordination, all mechanical (and electrical) disciplines.

EDUCATION

Bachelor of Science in Engineering - Helwan University – Cairo, Egypt **June 2007**

Mechanical Engineering Department - Industrial Engineering Section Power

Graduation Project: “Reconfiguration of Manufacturing Companies in considering their agility”

Gulf Experience

Work experience in Gulf for 2 years work as projects Manager (MEP) in Hammad port –Doha-Qatar

WORK EXPERIENCE

- **Area Manager / Business Development Manager for Raya Company in KSA**
(25/1/2025 Till now)

- **MEP Project Manager at Consolidated Contractors Company CCC**

1/1/2024 till 31/1/2025.

(Four Season Hotel Madinty)

- **Projects Manager (Madkour Group)**

1/8/2021 to 31/12/2023.

Projects Manager at New Delta (Civil, Arch, Infra structure, Electrical works, Turbine, Mech works) 8 Billion EGP .

Main duties

- design overall schemes, such as sewer improvement schemes or flood defense programmes, and associated structures, such as pumping stations, pipework and earthworks (the scale of the design may range from an initial outline to a full, detailed design)

- prepare tender documents as a basis for construction

liaise with various bodies and individuals, including local authorities, government agencies, clients, contractors, residents, suppliers, technical experts and other consultants.

- work collaboratively with other businesses and review technical submissions.

- support other project managers and directors within the business and across the wider market

- keep up to date with environmental matters, and be aware of policy and developments in this area

- present technical data or project results to both technical and non-technical clients and colleagues
- monitor the progress of projects from beginning to end - from design through to construction and handover - or supervise one section of a large project
- control budgets at project level and administer contracts and ensure that work is completed to deadline, as well to supervise the operation and maintenance of water and sewerage infrastructure

➤ **Senior Projects Manager (Hill International Inc-Shaker Consultancy Group(SCG)): Taalat Mustafa Group Madinty**
(from 1/4/2020 to 1/7/2021.

Major Projects

VGW / V23 / V24 / FOUR SEASON HOTEL

Was incharge of :

Follow up all Mechanical projects .
 Review all shop drawing
 Review all submental.

➤ **MEP Projects Manager (INMA Construction Company)**
from 15/7/2019 to 2/2020

Major Projects

Trivium Complex / All foods Factory / Trivium Square ,
 Trivium Ziad / ITC Mall at New Administration City

Was incharge of:

-Review all MEP Works.
 Managing and organizing the logistics of the project, such as purchasing or supply chain management.
 -Review , coordination, code input and construction technical support.
 -implementing all preventative maintenance plan.

➤ **Projects Manager (MEP) - The Arab Contractors (Osman Ahmed Osman & Co.), Cairo, Egypt**

From Jan 2011 until 6/2019 (www.arabcont.com)

- Electromechanical Projects Division for public buildings & utilities

Core Competencies:

- Supervise design, installations and alterations of underground infrastructure pipelines, piping, HVAC systems, pumping stations, hydraulic, smoke management and emergency power fuel system.
- Innovate HVAC sustainable designs in accordance with up-to-date codes and design practices.
- Expert in the design of chilled water plants, district cooling, ice storage, under floor cooling, VAV systems, Drainage, Gas, and Fire Protection systems.
- Perform "Hold", "Witness" and "Surveillance" inspections and tests at manufacturing facilities or construction sites to ensure compliance with Project requirements and project specifications.
- Inspect material and equipment as applicable to ensure compliance with project requirements for proper handling, storage and protection at facilities and/or construction sites, Checks, visually and mechanically, such items as piping size, connections, trap seals, cleanouts, and the use of approved materials, devices, fixtures and equipment.
- Wide knowledge of design codes and recommendations such as ASHRAE 62.1, 90.1, 55, NFPA, SMACNA, ASTM, CIBSE. Also capable of using HAP, IES, REVIT MEP and AutoCAD.
- Engineering review of Method Statements/HSE/Risk Assessments/Inspection-Test Plans for part of the mechanical (electrometrical) services of the project.

- Take offs for piping material (G.I./copper/cast iron/black steel/UPVC /GRE/GRP/stainless steel) and accessories, fittings, valves.
- Subcontractors' supervision, performance monitoring and interfacing for resolving construction-related issues and ensuring work is executed as per engineering specifications.
- Arranging site inspections/coordination with the consultant's engineers for the underground networks making sure the quality requirements are met.
- Developing man-hour estimates/manpower loading plans and tools-equipment purchasing plan.
- Engineering review of drawings/specifications for compliance to relevant codes and standards.
- Resolution of all the coordination problems of the external networks and the interfaces with other contractor's construction activities
- Ability to lead project designs, manage design teams, and deliver efficiently within time and budget.
- Issues inspection reports and initiates Non-Conformance Reports (NCRs), Worksheets (WSs) and Equipment, Monitor Contractor's Quality Systems, records and Quality Personnel for compliance with requirements and local specifications.

Projects

A Project Manager for:

- New extension of Al-Azhar Hospital in Nasr City
- Al-Azhar Hospital in Nasr City – completed in 2015
- HAVAC and Boiler system at Revolution Command Museum
- HVAC of Cairo Cycling Stadium
- Participation in project completion by providing technical advice and manpower:
- Al Fatah Al Aleem mosque
- Roxy automated car parking
- Al- Shaikh Zayed Hospital in Manshat Nasser – Maintenance for 3 months

A Site Engineer for:

- Flowers Park Compound in New Cairo City
- National Bank Of Egypt - Fesal Branch in Haram
- Police Academy's Court in New Cairo City
- Al-Azhar University Hospital in Nasr City
- Air Force Medical Center in New Cairo City

The Air Force Medical Center is a 250 bed tertiary specialized hospital that is a referral center among others for aviation medicine. The total built-up area is 50,000 m². The hospital boasts 4 specialized intensive care departments (Burn Unit, ICU, CCU, SCBU), 11 main operating theatres, day surgery & emergency departments, in addition to an 8,000 m² outpatient department with 80 clinics and treatment units. The Hospital Design concept comes from intuition of the design from the jet propeller of the military aircrafts, the balconies are imitating the Jet propeller blades. One of the design aims was to create a statement that this hospital is directly related to the air force and aviation. The other challenge was to incorporate the whole spectrum of hospital services including the specialized aviation medical services such as gyro lab, hyperbaric chamber in a creative, human and friendly hospital design.

to ensure timely & successful handing over of the Project • Handling Contractor's monthly payment application, variation claims and negotiations • Interacting with Local Authorities to ensure full compliance with their guidelines and approvals • Leading team of mechanical engineers and site inspectors, providing guidance and solving technical queries • insure that any modifications are within company test standards. Expert in Computer Aided Design (CAD).

➤ **Mechanical Engineer - Egyptian Company Fiber & Plastic, Cairo –Egypt**

Oct 2007 - Dec 2010

- Interfacing with stakeholders to combine collective knowledge in developing project specifications
- Managing projects requiring known engineering principles and techniques
- provide inspection testing procedures and installation methodology for Mechanical work system
- Supervision of site installation activities to ensure full compliance with the Project specification, approved documents, codes & standards and local authorities' requirement
- Monitoring work progress on the site with emphasis on long-lead Items.

CERTIFICATIONS:

- Certified for Maintenance HYPET&PET Mold - Husky Injection Molding Machines Course
- Certified for Operator & Process HYPET - Husky Injection Molding Machines Course
- OSHA Construction Industry Safety & Health (29 CFR 1926).
- Project management professional.
- Primavera
- Refrigeration & Air Conditioning



QUALIFICATIONS & PROFICIENCIES:

- Arabic: Native Language / Secondary Language - English: Excellent verbal and written skills.
 - Proficient Computer Skills: Microsoft Office, AutoCAD 2D.
 - Internet established skills and overall computer literacy.
 - Excellent communication and organizational abilities.
 - Interfacing with clients and practicing outstanding customer service skills.
 - Writing reports and analyzing costs for potential cost savings.
 - Carefully following global market trends to identify new methods and procedures.
 - Implementing acquired and on the job engineering knowledge.
 - Following occupational safety and health guidelines for compliance.
 - Practicing doing things right (Efficient) and doing the right things right (Effective).
 - Adaptive personality allowing for quick integration within any team environment.
-

