

Holds a B. Sc. in Mechanical Power Engineering and has about 31 years of experience in the construction and maintenance of power plants projects, oil & gas treatment plants projects, power station, pump station, water plant & sewage plant. Work included all phases of the projects, review tender specification, contract documents from receiving equipment and materials, through erection supervision and start-up assistance. Moreover responsible for the maintenance and upkeep of the equipments during the operation stage.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 09/09/1963  
Gender : Male  
Marital Status : Married  
Residence : 6<sup>th</sup> October City

## EDUCATION

: B. Sc. in Mechanical Power Engineering, 1991

## LANGUAGES

Arabic : Native Language  
English : Fluent

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet  
: AutoCAD

## TRAINING COURSES AND CERTIFICATIONS

: ASME B31.1 Power Piping Design & Fabrication course, ASME – AUC (Dec. 2005).  
: English courses up to level 15 in American University.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jun. 2021 till now  
**Employer** : EI-Sewedy Electric T&D  
**Project** : D.R.C.C  
**Job title** : Construction Manager

**Job Description** : 

- Ensure that all construction activities within the designated areas are well planned, coordinated and be able to utilize all available resources in coordination with other functional Managers in directing and supervising all involved site personnel and subcontractors.
- Lead and ensure all work groups are properly guided, in close cooperation with the Project Manager, in assembling and controlling the required resources (manpower, equipment, materials and tools) to start and sustain the work efficiency and productivity until the completion of the project.
- Inspect work in progress to ensure conformity with QA/QC specifications and requirements, Industry Codes, Standards and Procedures, client requirements and provides technical advices to resolve problems.
- Advise the Project Manager in determining the need and procurement of tools and materials to be delivered at specific times in order to conform to the workloads, plans and schedules.
- Interact with other construction areas and Supervisors, discusses and review with Project Manager the project Key Performance Indicators to determine accurate status of the project, making tactical decisions for allocating resources, and assigning staff requirements, to maintain project on target.

**Dates** : From Aug. 2018 till May 2021

**Employer** : Menco Group for contracting

**Job title** : Projects Manager for energy & petrochemical

**Job Description** : 

- Planning and Defining Scope.
- Activity Planning and Sequencing.
- Resource Planning.
- Developing Schedules.
- Time Estimating.
- Cost Estimating.
- Developing a Budget.
- Documentation.
- Manage budget.
- Support and direct team.
- Lead quality assurance.
- Prepare projects status reports by collecting, analysing and summarizing information & trends.
- Prepare reports for upper management regarding status of project.
- Evaluate and assess results of project.

**Dates** : From Oct. 2017 till Jul. 2018

**Employer** : Orascom Construction Industries

**Project** : New Capital Combined Cycle Power Plant 4800MW

**Job title** : Construction Manager

**Job Description** : 

- As subcontractor to Siemens for 4 modules.
- Responsible for piping at module 1 (small - large) critical & non-critical pipes fabrication & erection including hangers supports, valves, pumps.
- Site Coordinator.
- Participate in construction progress meetings.
- Participate in final inspection and prepare punch lists.

- Review and respond to contractors technical requires and coordinate with Engineering Department on technical issues.
- Review Engineering design packages for constructability issues and lessons learned.
- Preparation of shop drawings, details and documentations.
- Review the shop drawings and follow prefabrication of structural / piping works.
- Material check of required quantities as per drawings and contract use quantity available and advice site arrangement for procurement.
- Technical specifications and evaluation criteria for the procurement of material.
- Supervision & Monitoring of piping installation progress activities to be carried out in accordance with relevant specification and drawings.
- Ability to provide project planning including development of the budget and schedule with the ability to status the project during construction.
- Preparing RFI (request for information) to main contractor.
- Prepare the entire documents for calculation the extra work.
- Prepare the as built isometric drawings for large and small bore piping.
- Preparation of hydro test, Pneumatic Nitrogen pressure test, flushing, and Air blowing for all piping systems.
- Attains complete knowledge of site execution plan, time schedule, scope of supply & works, subcontracts, construction budget, status of documentation, site staffing plan, applicable local and site regulations.

**Dates** : From Mar. 2016 till Sep. 2017

**Employer** : Aresco

**Project** : West Damietta Power Station phase 2

**Job title** : Project Manager

**Job Description** :

- As subcontractor to AC BOILER - 4 HRSG assembly and erection each one 125MW.
- Responsible at Site for erection activities, management of the site staff, erection main contracts or subcontracts, commissioning activities, start-up, testing and handing over the works to the Client.
- Represent the Company towards the Client and third parties at Site.
- Attains complete knowledge of site execution plan, time schedule, scope of supply & works, subcontracts, construction budget, status of documentation, site staffing plan, applicable local and site regulations.
- Assists the Project Manager in the management of the subcontractors, consortium partners and other entities.
- Establish and administer a material control program consistent with project requirements.
- Full responsibility of all construction related activities at Site.
- Responsible of keeping the contractual site schedule and keeping the site costs within the budget or improve them.
- Ensure detailed work planning.
- Feedback to PM during execution of any cost, process, scope changes or quality issues that may impact the project or future projects.

**Dates** : From Apr. 2013 till Feb. 2016

**Employer** : Otaishan Consulting Engineers (KSA)

**Project** : Supervising for Construction and development of Buraidah Land fill  
**Job title** : Project Manager & Mechanical Section Head  
**Job Description** :

- Overall managements of the project starting from review design, choose the machine according to design and requirements of contract:
  - Crusher and powder making equipment (Waste Crusher).
  - Compost Turner.
  - Tire Recycling Plant.
  - Wood Waste Grinding.
  - Food waste pretreatment system.
  - Land fill cell (2) construction (200m x 300m).
  - Water treatment plant.
  - Incinerator clarification & erection.
- Supervision installation of equipment according to drawing & design.
- Coordination with Various Contractors and Parties on Site.
- Supervising the work on the site according to schedule.
- Supervising and coordinating pre-commissioning works.
- Deal with client.
- Following the schedule of the projects.
- Supervising and link with all engineers in the projects.
- Attend the weekly meeting with client.

**Dates** : From Nov. 2011 till Feb. 2013  
**Employer** : Nael Energy and General Enterprises Establishment – UAE  
**Project** : EPC Works for Al Ain Distribution Network Pump Station at AARC  
**Job title** : Pipeline Construction Manager  
**Job Description** :

- Overall management of Carbon Steel Pipeline (DN 800 up to DN 2200) Welding and Installation.
- Coordination with Various Contractors and Parties on Site.
- Arranging and Relocating of machineries and Manpower.
- Pressure Test, Disinfection and Flushing of the Pipeline.
- Supervising the work on the site according to schedule.

**Dates** : From Jul. 2010 till Feb. 2011  
**Employer** : Eco Asso  
**Project** : San Juban Factory in Sokhna  
**Job title** : Project Manager  
**Job Description** :

- Study all documents for the project.
- Deal with client.
- Following the schedule of the project.
- Supervising and link with all engineers in the project.
- Attend the weekly meeting with client.
- Following the cash flow.
- Make the monthly invoice for the project.
- Try to keep the progress with schedule parallel.
- Scope of work (piping – tanks – ducts – steel structure).

**Dates** : From Jul. 2008 till Jun. 2010  
**Employer** : Archirodon Construction (Overseas)

**Project** : Cairo West Power Station  
**Job title** : Mechanical Section Head  
**Job Description** :

- Study Drawing & make material request for Equipment, Piping including Supports, valves, pumps.
- Make schedule for staff of engineers according to the plan of the project.
- Supervising the construction of piping & equipment.
- Coordinator for tests for piping (pt - hydro test - pneumatic test).

**Dates** : From Jul. 2007 till Jun. 2008  
**Employer** : C.C.C – KSA  
**Job title** : Mechanical Section Head  
**Job Description** :

- Fabrication & erection of both large & small Bore piping including hangers supports, valves, pumps, for the boiler in power plant.
- Also responsible for erection of all equipment in boiler (DRUM – PREHEATER – ECONOMISER).
- Steel structure work for the boiler & turbine building.
- Hydro test coordinator & Test Packs engineer in Rabigh Power Station / Saudi Arabia.

**Dates** : From Dec. 2005 till Jul. 2007  
**Employer** : I.B.S.F  
**Job title** : Construction Manager  
**Job Description** :

- S.V Fabrication & Erection Fire tube Boiler and other steel work for factories including (piping – tanks – ducts – steel structure – fire fighting).
- Study all documents for the projects
- Deal with client.
- Following the schedule of the projects.
- Supervising and link with all engineers in the projects.
- Attend the weekly meeting with client.
- Following the cash flow.
- Make the monthly invoice for the projects.
- Try to keep the progress with schedule parallel.

**Dates** : From Apr. 2002 till Oct. 2005  
**Employer** : Initec  
**Project** : Cairo North Power Station (1 module) (3x250MW)  
**Job title** : Mechanical Section Head  
**Job Description** :

- BOP critical piping system between boiler and turbine:
  - Feed water system AE.
  - Main steam system AB.
  - Extraction steam AF.
  - Auxiliary steam SA.
- Non-critical piping system.
- Pumps.
- Site Coordinator.
- Participate in construction progress meetings.
- Participate in final inspection and prepare punch lists.
- Review and respond to contractor's technical queries and coordinate

with Engineering Department on technical issues.

- Review Engineering design packages for constructability issues and lessons learned.
- Preparation of shop drawings, details and documentations.
- Review the shop drawings and follow prefabrication of structural / piping works.
- Material check of required quantities as per drawings and contract use quantity available and advice site arrangement for procurement.
- Technical specifications and evaluation criteria for the procurement of material.
- Supervision & Monitoring of piping installation progress activities to be carried out in accordance with relevant specification and drawings.
- Ability to provide project planning including development of the budget and schedule with the ability to status the project during construction.
- Preparing RFI (request for information) to main contractor.
- Follow up installation fire fighting system and HVAC.
- Prepare the entire documents for calculation the extra work.
- Prepare the as built isometric drawings for large and small bore piping.
- Preparation of hydro test, Pneumatic Nitrogen pressure test, flushing, and Air blowing for all piping systems.

**Dates** : From May 1998 till Mar. 2002  
**Employer** : A.W General Contracting – LIBYA  
**Projects** :

- Cairo South Power Station
- Elkhomes Power Station in Libya
- Abo Kamach Power Station in Libya

**Job title** : Project Engineer (Service & Erection)  
**Job Description** : Installation Equipment, Erection Piping for fuel, Pumps & steel structure.

**Dates** : From Jun. 1996 till Mar. 1998  
**Employer** : Mitsubishi Heavy Industries  
**Project** : Aleppo Power Station in Syria  
**Job title** : Construction Engineer  
**Job Description** : Fabrication & erection of both large & small Bore piping including hangers supports including test piping & steel structure.

**Dates** : From Jun. 1991 till Jun. 1996  
**Employer** : Kahromica  
**Project** : Rehabilitation & progress of Power Station (I) in Aswan  
**Job title** : Construction Engineer  
**Job Description** :

- Install boilers of sugar factory in Hawmdia.
- Erect Distillation & Crystallization section including Pumps & pipes.

**Field of experience** :

- Knowledge of engineering practices and economic principles, calculation methods, design details, U.S. Codes, Standards and Specifications.
- Extensive project management skills.
- Construction planning & scheduling skills.
- Design review, practical resolution of construction problems, disputes

and claims settlement, procurement and negotiations capability, strong supervisory skills.

- Working knowledge of most engineering/construction international codes & Standards.
- Familiar with most engineering related computer software.
- Pipe fabrication & erection (critical & non-critical pipes) (P91, P20, P11, STAINLESS STEEL & CARBON STEEL) (FRP, GRP, HDPE, P.P & U.P.V.C).
- Piping Hydro test, Pre-commissioning & Commissioning.
- Material take off Isometric bill of material: As a Mech. Construction Engineer and Mech. Construction Supervisor, Mechanical Sec. Head, Site Manager, Construction Manager, Project Manager.