

Holds a B. Sc. in Mechanical Power Engineering and has over 16 years hands-on experience working in construction field.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 01/08/1982  
Gender : Male  
Marital Status : Single  
Residence : Cairo

## **EDUCATION**

: B. Sc. in Mechanical Power Engineering, Cairo University, 2005

## **LANGUAGES**

Arabic : Native Language  
English : Fluent

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel, Power Point), Internet  
: MS Project  
: AutoCAD 2D & 3D, MathCAD

## **TRAINING COURSES AND CERTIFICATIONS**

: Shoubra El-Kheima Power Plant: Attend full shut down make sand blasting for blades of turbine and repair any welding point in wall of boiler (thermal) (2 months in 2003).  
: Cairo West Power Plant: attend commissioning with Electricity Gov. Staff before start first fire for two unit (5, 6) (1 month in 2005).

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Nov. 2018 till Jun. 2019  
**Employer** : Hicc - JEPCC1  
**Project** : Cairo West Power Plant (CP-118)  
The project is thermal power plant that generates 650MW containing one steam turbine and one supercritical boiler, condenser, critical and noncritical pipe, Skids and service equipment. CP-118 is the piping contract.

**Job title** : Construction Manager  
**Job Description** :

- Supervised work processes and adherence to project schedule.
- Attended daily on-site meetings with my staff engineers and worker and office meetings with main contractor.
- Interviewed, hired and trained new workers.
- Attended weekly meetings with top management to discuss safety procedures, compliance issues and facility construction.
- Created weekly and monthly reports and presentations for management team.
- Established employee work schedules to properly staff and departments for each shift.

**Dates** : From Jan. 2018 till Nov. 2018

**Employer** : Hicc - Siemens

**Project** : El-Burullus Power Plant (Block 30)

The project is the biggest power plant in Egypt & one of the biggest in the world that generate 4800MW as a combined cycle containing (Gas/Steam Turbines) and Heat Recovery Steam Generator, Cooling Tower, critical & non-critical pipe, pipe rack, Skids and service equipment.

**Job title** : Site Manager

**Job Description** :

- Devised, deployed and monitored processes to boost long-term business success and increase profit.
- Supervised work processes and adherence to project schedule.
- Attended daily on-site meetings with my staff engineers and worker and office meetings with main contractor.
- Maintained zero site accidents and lost work days along project.
- Interviewed, hired and trained new workers.
- Attended weekly meetings with top management to discuss safety procedures, compliance issues and facility construction.
- Prepare action plans and blueprints and communicated to workers.
- Verified completed projects met approved time, quality and cost estimates.
- Established employee work schedules to properly staff and departments for each shift.

**Dates** : From Jun. 2017 till Jan. 2018

**Employer** : Leeds - Siemens

**Project** : El-Burullus Power Plant (Block 10)

The project is the biggest power plant in Egypt & one of the biggest in the world that generate 4800MW as a combined cycle containing (Gas/Steam Turbines) and Heat Recovery Steam Generator, Cooling Tower, critical & non-critical pipe, pipe rack, Skids and service equipment.

**Job title** : Piping Superintendent

**Job Description** :

- Supervised layout, assembly and installation of various sizes and types of pipes.
- Assembled and secured pipes, tubes, fittings and related equipment according to project specifications.
- Scheduled utility service providers according to project timelines.
- Reduced process downtime by restructuring ongoing projects, ensuring quality and compliance.

- Avoided construction delays by efficiently following through with all site inspections.
- Monitored, coached and supervised team of employees during project.
- Improved process efficiency and workflow by implementing productivity initiatives and proactively identifying and resolving problems.

**Dates** : From Jan. 2015 till May 2017  
**Employer** : Orascom Construction Industries - GE  
**Project** : West Damietta Power Station 4x125MW  
 The project has Two stages: gas simple cycle power plant as first stage (500MW), then after power this stage to grid by few months and during clear punch lists, start 2<sup>nd</sup> stage to converts simple cycle to combined cycle (250MW), containing (4 gas Turbine / 1 steam Turbine), 4 HRSG, balance of plant, skid and service equipment.

**Job title** : Lead Mechanical / Piping Engineer  
**Job Description** :

- Provided technical guidance, peer review and mentorship to junior engineers engaged in power block designs.
- Provided and maintained forecast estimates for project-related costs and general project task tracking for adherence to project milestones.
- Attended project planning meetings to coordinate piping system designs with structural and architecture teams to mitigate design conflicts and coordinate delivery timelines.
- Assisted in preparation of production cost quotations by aiding with estimates of equipment, material and labor costs.
- Identified mechanical/ piping problems and determined best solutions for correction.
- Reviewed project goals and objectives on monthly basis with project manager and design team.

**Dates** : From Jul. 2011 till Dec. 2014  
**Employer** : Arab Contractors  
**Project** : Alexandria Water Treatment Plant  
 The project is drinking water treatment plant with two stages in west Alexandria to generate 240 m<sup>3</sup>/day, have pipe, equipment, treatment unit like travel screen and bar screen, etc.

**Job title** : Construction Manager  
**Job Description** :

- Supervised work processes and adherence to project schedule.
- Attended daily on-site meetings with my staff engineers and worker and weekly office meetings with main contractor.
- Interviewed, hired and trained new workers.
- Created weekly and monthly reports and presentations for management team.
- Established employee work schedules to properly staff and departments for each shift.
- Inspected cleanliness of common areas and offices every day.

**Dates** : From Dec. 2009 till Oct. 2010  
**Employer** : Kahromika - Initec

- Project** : Cairo West Power Plant (CP-118)  
The project is thermal power plant (Steam Turbine) that generate (350x2MW) containing Two units each of them generate 350MW with steam turbine, Subcritical boiler, critical and non-critical piping, condenser, skids and service equipment. CP-118 is the piping contract.
- Job title** : Construction Manager
- Job Description** :
- Supervised work processes and adherence to project schedule.
  - Attended daily on-site meetings with my staff engineers and worker and weekly office meetings with main contractor.
  - Interviewed, hired and trained new workers.
  - Attended weekly meetings with top management to discuss safety procedures, compliance issues and facility construction.
  - Created weekly and monthly reports and presentations for management team.
  - Coordinate with other subcontractor to avoid any conflict and reduce any delay in the project schedule.
- Dates** : From Jun. 2008 till Dec. 2009
- Employer** : Kahromika - Babcock Hitachi
- Project** : Cairo West Power Plant (CP-105)  
The project is thermal power plant (Steam Turbine) that generate (350x2MW) containing Two units each of them generate 350MW with steam turbine, Subcritical boiler, critical and non-critical piping, condenser, skids and service equipment. CP-105 is the boiler contract.
- Job title** : Senior Mechanical Site Engineer
- Job Description** :
- Supervised work processes and adherence to project schedule.
  - Attended daily on-site meetings with my staff engineers and worker and weekly office meetings with main contractor.
  - Avoided construction delays by efficiently following through with all site inspections.
  - Oversaw employee attendance record, handled payroll and ordered new materials for sites.
  - Digitally archived weekly progress and technical knowledge base photographs of all assigned projects.
  - Improved process efficiency and workflow by implementing productivity initiatives and proactively identifying and resolving problems.
  - Identified and fixed issues during all phases of construction.
  - Clear all punch lists and order to worker to complete and handed over to quality team.
- Dates** : From Nov. 2006 till May 2008
- Employer** : Kahromika - NEM
- Project** : Cairo North Power Plant  
The project is combined cycle power plant (Steam & Gas Turbine) that generate 750MW containing HRSG, Piping critical, non-critical, skids and service equipment.
- Job title** : Site Mechanical Engineer
- Job Description** :
- Supervised work processes and adherence to project schedule.
  - Attended daily on-site daily meetings with my staff supervisors and

worker.

- Assisted drafters in developing structural design of products using drafting tools or computer-assisted design (CAD) or drafting equipment.

**Dates** : From May 2006 till Nov. 2006

**Employer** : Kimidar Tours

**Project** : Golden 5 Resorts

The project is maintenance all equipment in 5 hotels like refrigerators, chiller, air-conditioning, kitchen machine and equipment.

**Job title** : Maintenance Engineer

**Job Description** :

- Dismantled defective machines and equipment and installed new or repaired parts.
- Reviewed technical documentation to complete equipment maintenance and repair.
- Investigated and corrected mechanical problems with machinery such as Chiller and refrigerator.
- Visually inspected and tested machinery and equipment, performing routine preventive maintenance.

**Field of experience** :

- Firstly I worked with Kahromika which is considered as one of the iconic firm in mechanical and electrical construction company in Mega Projects especially in power plant, then transfer to Arab Contractors to achieve one project in water treatment plant, then transfer to Orascom Construction Industries which considered the Biggest construction company in Egypt to achieve Two mega projects in power plant as a fast track project with over exceeded the schedule of projects by 50% ...then start with Leeds Romelectro in the Largest Power plant in the middle east that have responsible one block from four and after finish this block transfer to another company called Hicc in the same project have also responsible one block, after finish this Project transfer with Hicc to another project.
- Practical and hands-on Mechanical / Piping Construction Engineer adept at successfully and effectively interacting with contractors across multiple construction sites. Excellent project management abilities demonstrated by career history of on-schedule and on-budget completed projects. Particular experience in Energy projects.
- Efficient Mechanical Engineer leveraging strong technical background in construction from mobilization stage to warranty stage. Over 15 years of experience in construction industry.