

**102501-MEC-15CM-E-2004**  
**Senior Boiler Construction & Maintenance Engineer**

Holds a B. Sc. in Mechanical Power Engineering and has over 19 years' experience working in construction and maintenance.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 29/10/1979  
Gender : Male  
Marital Status : Married  
Residence : Alexandria

## EDUCATION

- : B. Sc. in Mechanical Power Engineering, Alexandria University, 2004
- : Alexandria Technical School (Refrigeration & Air Condition Department), 1999

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

- : Windows, MS Office (Word, Excel), Internet
- : AutoCAD 2002

## TRAINING COURSES AND CERTIFICATIONS

- : Summer training in Petro Chemical Company (for 21 days in 2002).
- : A course about how to use the SAP software in CIMPOR GROUP by Mr. Jess Ffeheraa.
- : A course about Bearing (Types, Maintenance, Mounting, Selection and Specification) by SKF Co.
- : A course about Lubrication Fundamentals (Lubrication & Specialties) by Exxon Mobil Co.
- : A course about Vibration (effects on rotating equipments) in Abu Qir Training Center.
- : Aquatech MED Desalination (2012) in Aquatech Company USA (for 1 month).
- : Civil Protection Department in Alexandria (2014) (Fire fighters Rescue).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Oct. 2009 till now  
**Employer** : West Delta Electricity Production Co. (WDEPC)  
**Project** : Abu Qir 2x650MW Thermal Power Plant  
**Job title** : Senior Boiler Construction & Maintenance Engineer  
**Job Description** :

- Installing of Steel Structure of boiler and its auxiliaries.
- All activities of supplying fuel and Desalination water Pipe lines to and from the plant according to the contract, P&IDs, Isometrics and the standard, also commissioning and tests including hydro test of this lines.
- Start-up and commissioning including chemical cleaning and steam blowing for both units.
- The construction, all tests during erection and after finishing, Hydrostatic test and painting of tanks farm.
- First Fire with Natural gas and Mazout oil for both units.
- Maintain of all equipment in the plant related to boilers as (Fans, Fuel Pumps, Water Pumps, Self-Cleaning Filters, Heat Exchangers).
- Maintain the Mazout oil transfer and supply Pumps (Duel Screw Pumps).
- Maintain all of water and fuel tanks and its accessories.
- Maintain the Desalination units (MED units) equipments and its accessories.
- Make all work orders for both trouble shouting (Shut down) and planned maintenance.
- Design some tools to help us to withstand the design problems which not solved by the consultant and try to find permanent solutions for repeated problems.
- Guide, lead and follow the contractor to change the super heater coils in the 5<sup>th</sup> unit boiler in Abu Qir Existing plant.

**Dates** : From Nov. 2022 till Nov. 2023  
**Employer** : Makana Industries & Services Company  
**Job title** : Projects Management Engineer  
**Job Description** :

- Overseeing and managing a variety of activities within a project, including progress with reference of the working plan, operations, quality assurance and testing.
- Organization and attention to detail are critical competencies to the success of project management engineering.

**Dates** : From Aug. 2007 till May 2009  
**Employer** : ALGERIAN CEMENT Co. (ACC) (Lafarge GROUP) – Egypt  
**Job title** : Kiln Area Mechanical Maintenance Engineer  
**Job Description** :

- Maintain of kiln area including (Atox 50) Vertical Mill, Stacker, Reclaimer Clinker Crushers, Belt Conveyors, Weigh Feeders, Apron Conveyors, Bag and EP Filters and repair sudden faults to keep the line work steady without stoppage.
- Make work requests by Oracle system for trouble shouting jobs and then repair it.
- Organize the technicians for daily jobs and checks for urgent machines and follow them.

- Searching for solutions for repeated problem of machines.

**Dates** : From Jul. 2005 till Aug. 2007

**Employer** : AMREYAH CEMENT Co. (CIMPOR GROUP) – Egypt

**Job title** : Mechanical Maintenance Engineer (Inspector (PM Department))

**Job Description** :

- Maintenance Engineer (Inspection - Preparation Department). Inspection & follow Maintenance of Cement Production Lines including (Gypsum Crusher, Vibrators, Belt Conveyors, Ball Mills, Filters EP & Bag).
- Inspection (P.M) - Preparation Engineer. Inspection of all equipments in cement area according to check list and frequency bulletin and created work orders if I have problems, then prepare these orders by SAP Software System, depending on spare parts needed, after that follow the work orders in the plant.
- Lead & supervise of contractors to finishing the jobs & activities.

**Further experiences** :

- Worked for 3 months in ONYX Company as QC.
- Worked for 14 months in Union Air Company (Glym branch).