

Holds a B. Sc. in Production Engineering and has about 12 years hands-on experience working in construction and maintenance.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 27/09/1986  
Gender : Male  
Marital Status : Married  
Residence : Currently KSA

## **EDUCATION**

: B. Sc. in Production Engineering, 2008

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: AutoCAD 2D  
: Solid Edge

## **TRAINING COURSES AND CERTIFICATIONS**

: NDT methods: RT, MT, VT, UT, PT level II.  
: ANSALDO CALDAIE boiler maintenance training course for Abu Qir 2x650MW Gas/Oil fired boilers.  
: B31.3 Process piping joint course.  
: Heat treatment processes technology.  
: WDEPC Boilers maintenance training.  
: CWI preparation course.  
: API 570 preparation course.  
: English training program, Arab Academy for Science and Technology.  
: ICDL

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Oct. 2018 till now  
**Employer** : Doosan Power Systems  
**Project** : 4x750MW Rabigh Power Plant stage VI in Saudi Arabia  
**Job title** : Mechanical Team Lead  
**Job Description** :

- Leading mechanical team performing mechanical maintenance until units start-up and stability.
- Boiler, BOP and turbine auxiliaries maintenance.
- Carrying out routine scheduled maintenance work and responding to equipment faults.
- Diagnosing breakdown problems.
- Fitting new parts and making sure equipment is working correctly.
- Carrying out quality inspections on jobs.

**Dates** : From May 2017 till Jul. 2018  
**Employer** : SIEMENS  
**Project** : New Capital 4800MW Combined Cycle Power Plant  
**Job title** : TFA  
**Job Description** :

- Following Piping installation activities.
- Review the piping, supports, valves and erection procedure document to evaluate the piping erection.
- Execute pipe floating for critical piping connected to turbine before final welding to ensure stress free.
- Piping spring supports de-blocking to cold setting before start-up.
- Feed back the direct manager with the mandatory reports etc. (daily report, damage report and weekly progress report).
- Monitoring the erection contractors work quality and schedule.
- Perform final inspection to release piping for hydro test or Pneumatic test.
- Follow the reinstatement work up to handed over to commissioning.
- Install chemical cleaning temporary piping and support process.
- Piping System Punch list final inspection.

**Dates** : From Jul. 2016 till Apr. 2017  
**Employer** : IREM spa  
**Project** : Burullus 4800MW Power Plant  
**Job title** : Field Engineer  
**Job Description** :

- Monitoring the progress and performance of the fabrication and erection crew to ensure productivity, quality and standards are maintained.
- Coordinate with the engineering and quality departments.
- Review and approve mechanical work packages.
- Performing hydrostatic test, Pneumatic test.
- Follow up reinstatement activity until handing over for commissioning and start-up.

**Dates** : From Jan. 2016 till Jun. 2016  
**Employer** : Power Plant Service Company (PowerServ)

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

- Plan, coordinate and install mechanical equipment and piping like feed water pumps, high pressure heaters and its connected piping.
- Performing safety inspections of the site when work is underway and ensuring regulations relating to health, safety and the environment (HSE) are adhered to.

**Dates** : From Feb. 2014 till Dec. 2015  
**Employer** : POWER GENERATION ENGINEERING AND SERVICES COMPANY (PGESCO)  
**Project** : Giza North 3x750MW Combined Cycle Power Plant  
**Job title** : Senior Mechanical Construction Engineer  
**Job Description** : Manage, coordinate, follow up, inspect and test the mechanical and piping installation up to handed over to start-up and commissioning, such as: piping and mechanical equipment installation like feed water pumps (KSB pumps), circulating water pumps (EBARA pumps) and critical piping (DEE piping, valves and supports).

**Dates** : From Jun. 2009 till Feb. 2014  
**Employer** : West Delta Electricity Production Company  
**Project** : Abu Qir Power Plant 2x650MW Gas/Oil fired  
**Job title** : Mechanical Engineer  
**Job Description** :

- Boiler Mechanical construction:
  - In charge of boiler contract 2 x 2000 ton steam boilers (Ansaldo Caldaie boilers).
  - Piping, valves and supports construction inspection.
  - Performing Hydro tests.
  - Perform Mechanical equipment erection inspection.
- Commissioning activities:
  - Piping cleaning activities like air blowing, oil flushing and water washing.
  - Chemical cleaning and steam blowing.
  - FDF, GRF and Auxiliary heat run and load run.
  - Air heater rotation check.
  - Soot blowers function check.
  - Dampers functioning check.
- Mechanical maintenance:
  - Maintenance for burners, dampers, soot blowers, pumps, valves, piping, heaters, pressure parts, fans, heat-exchangers.
  - Executing routine maintenance activities and overhauling activities.
  - Maintaining work quality as per manuals and related standards.

**Dates** : From Aug. 2008 till Jun. 2009  
**Employer** : Nilcon Contractor  
**Project** : Alexandria Chemical Terminal El-Dkhela Port (13 tanks, 1500 m<sup>3</sup> and its connected piping)  
**Job title** : Quality Control Engineer

**Job Description** : Taking care of QA/QC documents of the entire project including certificates, calibration, test results, inspection requests, non-compliance reports and site instruction/observations, permanent materials delivered and other QA/QC documents.