

Holds a B. Sc. in Mechanical Power Engineering and has over 5 years hands-on experience working in plants mechanical systems maintenance and commissioning.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 27/05/1992  
Gender : Male  
Marital Status : Single  
Residence : Giza, Cairo

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Helwan University, 2014

## LANGUAGES

Arabic : Native Language  
English : Excellent

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet  
: AutoCAD – Elite Firefighting - Solid Works  
: Pipe / Duct Sizers software

## TRAINING COURSES AND CERTIFICATIONS

: Firefighting Systems Design & Construction (TYCO Company).  
: Power Plant Equipment, systems theory and application (CEPC).  
: Fundamentals of water and waste treatment for industrial plants (CEPC).  
: HVAC Systems Design (EGY CET).  
: Project Management (quality – HSE – Procurement – Planning – Contract administration) (PGESCo.).  
: Pipelines Inspection & Testing (Construction compliance check – pressure testing) (PGESCo.).  
: Welding & welding inspection (WPS, PQR – VT – PT – RT) (PGESCo.).  
: Rotary Equipment (Maintenance, operation and troubleshooting) (CEPC).  
: Steam Generator Unit & Auxiliaries (Design, Operation and Maintenance) (AC Boiler – Milan – Italy).  
: Control Valves Operation & Maintenance, PARCOL – Italy.

: Safety Valves Calibration and Maintenance, AC Boiler – BHGE.

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jun. 2017 till now  
**Employer** : CEPC  
**Project** : Cairo West Supercritical Power Plant (1x650MW) Oil & Gas Fired  
**Job title** : Mechanical Engineer – Steam Generator & Auxiliaries  
**Job Description** :

- Review project technical documents and submittals related to steam generator unit and its auxiliaries (rotary equipment, piping, tanks, heat exchangers, ...etc.) during engineering phase.
- Follow up and supervise installation works ensuring compliance with contract specification, codes and standards and coordinate efficiently between project parties to complete required activities.
- Check, inspect and approve delivered material to ensure its compliance with approved documents.
- Perform acceptance tests and inspections for completed jobs according to applicable codes and standard.
- Commissioning of mechanical systems ensuring compliance with contract specification regarding operating conditions and performance requirements.
- Troubleshoot and investigate problems occurs during commissioning and normal operation and follow up applying the necessary action (maintenance job, tuning or change).
- Review and select required spare parts for inventory, tools and special tools required to perform effective maintenance works during normal operation according to O&M manuals.

**Dates** : From Jun. 2016 till Jun. 2017  
**Employer** : Triangle Group for Heavy Equipment  
**Job title** : Technical Office Engineer – Diesel GEN. Sets  
**Job Description** :

- Prepare parts lists and offers for diesel generator sets according to manufacturer instruction increasing company sales volume and customer satisfaction.
- Technical analyze of customer requests and convert requests into parts and service quotations.
- Increase performance of workshop by supporting with parts identification documents.
- Build up suitable stock of spare parts according to technical and commercial studies.

**Field of experience** : Significant experience and skills in plants mechanical systems maintenance and commissioning, also skills and experience required to participate efficiently in mega projects phases like engineering, construction, quality control, commissioning and performance evaluation. In addition to skills required to design, review and select thermal and fluid systems and components according to applicable codes and standards.