

Holds a B. Sc. in Mechanical Power Engineering and has over 4 years experience in commissioning, start-up, operation and maintenance of power plants and their mechanical auxiliaries (Boiler, Gas Turbine, Steam Turbine, Pumps, Compressors, Fans, Regenerative air heater, Surface Condenser, Heat exchanger, Valves).

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/02/1994
Gender : Male
Marital Status : Single
Residence : Tanta

EDUCATION

: B. Sc. in Mechanical Power Engineering, Tanta University, 2017

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Solid Works: 2D and 3D modeling
: Revit MEP
: Automation Studio

TRAINING COURSES AND CERTIFICATIONS

: Summer training at Petrobel – Belayim Petroleum:
• Overview of different types of pumps and compressors.
• Overview of different types of power stations.
: Summer training at Cairo Oil Refining Co. Operation:
• A look at the components of crude oil.
• Overview of fire fighting system
: Summer training at Coca-Cola Bottling Company of Egypt:
• Basics of air compressors.
• Basics of boilers.
• Basics of cooling circuit.
• Basics of beverage industry.

- : Summer training at West-Mid Delta Bus Company:
 - Overview of Gasoline and Diesel Engines.
 - Attend a session of Repairing a gear box.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jan. 2018 till now
- Employer** : [EGYPTROL](http://www.egyptrol.com), AC Boilers Subcontractor
- Job title** : Operation Engineer
- Job Description** :
- Commissioning & testing and start-up for supercritical boiler with Ansaldo Caldaie in South Helwan Project (3x650MW) (from Jan. 2019 till now):
 - Commissioning for lube oil skids used for lubricating the bearing for equipment like GRF, FDF, RAH.
 - Commissioning and testing the rotating equipment like FDF, GRF, RAH.
 - Commissioning and testing cooling and sealing fans.
 - Commissioning and testing centrifugal pumps for blow down and Scaph system.
 - Commissioning and testing soot blower system.
 - Making boiler chemical cleaning.
 - Making boiler first fire.
 - Commissioning and testing washing system for RAH.
 - Commissioning and testing all burners on the boiler.
 - Commissioning and testing mazot firing system.
 - Attend the reliability, performance and normal operation and shutdown for the supercritical boiler.
 - Good knowledge about the protection and trips for the boiler and all auxiliaries.
 - Commissioning and start-up for auxiliary boiler:
 - ❖ Water tube, natural circulation type.
 - ❖ Performances.
 - ❖ Steam flow rate = 51T/H.
 - ❖ SH steam pressure = 14barg.
 - ❖ SH steam temperature = 250C.
 - Commissioning and Testing DESP System: DESP system function is to remove suspended dust particles of flue gases of out coming from boiler.
 - DCS Operator using Schneider DCS Foxboro EVO and Foxboro Foxview for auxiliary boiler.
 - DCS Operator for DESP and ASH HANDLING systems.
 - Commissioning and Testing all valves on the boiler: Control, gate, globe, ball, check valves.
 - Operation Engineer for Combined Cycle Power Plant at West Damietta (750MW) with Ansaldo Caldaie (from Jul. 2018 till Jan. 2019):
 - Commissioning and start-up for 4 HRSG boilers.
 - Field Engineer in El-Kureimat Combined Cycle Power Plant (750MW) (from Jan. 2018 till Jul. 2018):
 - Commissioning and testing steam turbine auxiliaries like: Lube oil

system, EH system, Seal oil system, Stator coil cooling system.