

Holds a B. Sc. in Mechanical Power Engineering and has over 2 years hands-on experience working as Local Operator.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/12/1994
Gender : Male
Residence : El-Minia

EDUCATION

: B. Sc. in Mechanical Power Engineering, Cairo University, 2017
: Maghagha High School, 2012

LANGUAGES

Arabic : Native Language
English : Very Good
French : Basics

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: HAP
: Solid Works
: AutoCAD
: Revit

TRAINING COURSES AND CERTIFICATIONS

: HVAC, Engineering Authority, Armed Forces - Zewail City Project (2016).
: Power Plants: El-Kureimat Power Plant and Al-Zaafrana wind power plant (field trip) (2015).
: Cars & heavy machinery, Engineering Authority, Armed Forces - Rod Elfarag Courier Project (2016).
: Arab Contractors (2014).
: Soft Skills, Intel Ideation and Innovation Camp, Minia University (2015).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jan. 2018 till now
- Employer** : [EGYPTROL](http://www.egyptrol.com) - seconded to UPPER EGYPT PRODUCTION COMPANY
- Job Description** :
- South Helwan Thermal Power Plant 3x650MW (supercritical) (from Jan. 2019 till now) (Local Operator):
 - Commissioning of the boiler including (chemical cleaning, steam blowing and start-up of the boiler).
 - Commissioning of turbine auxiliaries including (oil flushing and start-up of the turbine).
 - Commissioning of plant auxiliaries including (air blowing of lines, preparing turbine to drive the feed water pumps).
 - Chemical cleaning for supercritical boiler.
 - Steam Blowing.
 - Run back tests for FD fan & Air Heater.
 - Boiler start-up (cold-warm-hot)
 - Boiler shut down.
 - Soot blower commissioning & operation.
 - Atomizing & purging air lines blowing.
 - Checking any abnormal operation.
 - Inspecting System After Any Maintenance.
 - Checking auxiliary skirts of the unit for normal start-up.
 - Water Quality Checking.
 - Burners Ignition.
 - West Assiut CCPP (8x125MW gas turbines (GE frame 9e), 2x250MW steam turbine (GE)) (from Jul. 2018 till Dec. 2018) (Operator (Local & DCS)):
 - Simple Cycle Local Operator to make sure that every equipment works within operating limits and no abnormalities.
 - DCS MARK 6+ Operator, start GT equipment after achieving working criteria till synchronizing the unit then monitoring the vital parameters.
 - El-Kureimat 1 Thermal Power Plant 2x650MW sub-critical (from Jan. 2018 till Jun. 2018) (Local Operator):
 - Rover Operator.
 - BOP, Boiler and Turbine Local Operator.