

Holds a B. Sc. in Mechanical Engineering and has about 20 years hands-on experience working in construction, operation and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 18/02/1977
Gender : Male
Marital Status : Married
Residence : Beni Suef

EDUCATION

: B. Sc. in Mechanical Engineering, Cairo University, 2001

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Apr. 2021 till now
Employer : Elsewedy Electric PSP
Project : Assiut Supercritical Power Plant 1x650MW
Job title : Operation Engineer

Dates : From Oct. 2020 till Mar. 2021
Employer : China Energy Group Jiangsu no.1
Project : Cairo West Power Plant
Job title : Operation Engineer

Dates : From Jan. 2018 till Feb. 2020
Employer : Techint Engineering and Construction
Project : South Helwan Power Plant 3x650MW
Job title : Operation Engineer

Dates : From Sep. 2013 till Sep. 2017
Employer : Saudi Arabia Electricity Company, KSA
Project : GHAZLAN 2 Thermal Power Plant (4x664MW)
Job title : Operation Engineer (Control Room Operator)

Dates : From Feb. 2008 till Sep. 2013
Employer : Upper Egypt Electricity Company
Job titles :

- Operation Engineer at El-Kureimat Thermal Power Plant (2x627MW) (from Nov. 2009 till Sep. 2013)
- Commissioning Engineer at El-Kureimat 2 CCPP (from Feb. 2008 till Oct. 2009)

Dates : From May 2002 till Jan. 2008
Employer : Housing and Utilities, Beni Suef
Job title : Mechanical Engineer
Job Description :

- Mechanical Engineer, responsible for supervising and following up all the Mechanical Construction Activities, Reporting all the weekly site Progress to the management.
- Planning for all the Mechanical Construction Activities.
- Ensure that all the site activities all following the HSE Policy.
- Cooperate with the management in order to ensure the customer satisfaction.
- Ensure that Mechanical Construction Activities are following the Technical Recommendations.

Field of experience :

- Effectively operate the power generation unit from the control room at start-up, normal, shut down and up normal operation condition, including:
 - Operation for boiler Babcock & Mitsubishi, capacity 2100 t/h, natural and forced circulation, and the steam turbine (GE, 627MW, Mitsubishi 664MW).
 - Working at 13.8KV and 6.3KV switch gear.
 - Operation of Natural Gas heavy fuel and light Arabian fuel oil power plants and GE T/G.
 - GE T/G with Mark V Control.
 - Westinghouse WDPF II (DCS).
 - HP/LP By Pass System.
 - Operation of 380 and 500KV switch yard (GIS).
- Start-up and shutdown the unit in safe operation for the units (MSF capacity 2100t/h for each unit).
- Operation tasks:
 - Start-up and shut-down procedures for thermal power plant.
 - Turbine operation (Toshiba, GE) and its auxiliary systems.
 - Boiler operation and its auxiliary systems.
 - Boiler Start-up and shut-down procedures (gas and oil firing).
 - Boiler hot banking, natural cooling and forced cooling.
 - Operation (CWP, CEP, FWP,).
 - Emergency operation (black out, load rejection, run back).

- Changing over for all mechanical equipment locally and from control room.
- Good dealing with hydrogen production plant.
- Good command with control systems, control stations and monitors.
- Good command with DCS.
- Good dealing for power plant safety requirements.
- Good working knowledge of firefighting system.
- Making connection and disconnection for electrical distribution system.
- Good dealing with the operation of electrical diesel generators.