

Holds B. Sc. and M. Sc. in Mechanical Power Engineering and has more than 8 years hands-on experience working in operation and start-up at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/09/1987
Gender : Male
Marital Status : Married
Residence : Dakahlia

EDUCATION

: B. Sc. in Mechanical Engineering, Mansoura University, 2009
: M. Sc. in Mechanical Power Engineering, 2017
: Elkordi High School, 2004

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: ICDL (International Computer Driving License) certificate (Jun. 2008).
: Certificate in AutoCAD from Mansoura University Computer Center.
: Training courses certified from East Delta Company for Electricity Production (Damietta CCPP):

- Operating 135MW Siemens Gas Turbine V94.2.
- Operating SF6 220, 66KV switch gear.

: Training course for Fire extinguishing certified from Civil Defense Authority, Damietta.
: Training course for Chemical and physical basis for the treatment of fresh water, Damietta Combined Cycle Power Plant.
: English: TOEFL ITP grade 448 (2016).
: English: ILETS with grade 5.5 (B2) (Apr. 2018).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jun. 2013 till now
- Employer** : East Delta Electricity Production Company
- Project** : Damietta Power Station:
- Two Siemens gas turbines (135MW Type V94.2).
 - One Alstom HRSG (70 bar, 500 °C, 500 T/ hr).
 - 220KV switchgear.
 - 6.3KV switchgear.
 - 400 v switchgear.
 - Two step up transformers 10.5/220KV and one 11.5/220KV.
 - Two start-up trans. 220/10.5KV.
 - Six trans. 66/220KV.
 - Six outgoing circuits 220KV.
 - Six outgoing circuits 66KV.
- Job title** : Mechanical Engineer
- Job Description** :
- Operation and monitoring performance of SIEMENS SGT5-2000E (V94.2) single shaft single casing & twin vertical combustion chambers-135MW base load unit gas turbine.
 - Working on SPPA-T3000 (the update control system for V94.2).
 - Carry out starting, normal operation, shut-down and stand still.
 - Monitoring all readings of pressure, temperature, flow rate, vibration, valve position, liquid levels and power generated.
 - Taking all steps to restore the normal operating condition in case of readings change due to causes not associated with the mode of operation.
 - Checking all auxiliary equipment's and devices (auxiliary power supply, lubrication and control oil system, fuel oil system, fuel gas system and ignition gas system).
 - Operating & monitoring boiler HRSG 250 ton/h (Borsig): DCS Operating Boilers HRSG (Heat Recovery Steam Generation) and its auxiliary such as HP & LP pumps, drums, super heater, filling, safety valves, pumps, instrument sets pressure gauges (PG) & transmitters (PT) and working in the emergency trip of HRSG (ET).
 - Operating & monitoring plant auxiliaries like:
 - Instruments & service air compressors (2 stages, 9 bars, with dryer).
 - Diesel generators (2.4MW, 6.3KV Caterpillar).
 - Intake & water pump house and its D.C.S. control.
 - Closed cooling water, service water & circulate water.
- Dates** : From Aug. 2010 till Jun. 2013
- Employer** : Middle Delta Electricity Production Company
- Project** : Talkha Steam Power Station (2x210MW)
- Job title** : Boiler Operation Engineer
- Job Description** : Operating & monitoring (Skoda boiler 680 ton/h - 165 bar - 540 °C).