

103017-MEC-1O-E-2010
Shift Charge Power Plant Operation Engineer

Holds a B. Sc. in Mechanical Power Engineering and has about 15 years experience working as Power Plant Operation Engineer.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Marital Status : Married

EDUCATION

: B. Sc. in Mechanical Power Engineering, Benha University, 2010

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Blackout Operation Procedures (2018).
: Operation & Maintenance (gas turbine, DCS, generators) (2012).
: AutoCAD 2D (2010).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2015 till now
Employer : Cairo Electricity Production Co.
Job title : Shift Charge Power Plant Operation Engineer
Job Description :

- Operate the plate types, shell and tube heat Exchangers such as monitor coolant temperature, inlet, outlet temperature, pressure (detailed operating procedure presented at the end of resume for review, the same will be presented for all tasks and duties at any time when required).
- Take correct action in trouble shooting for instance change over heat exchanger.
- Operate condenser heat exchanger and keep its efficiency high.
- Operate heat recovery steam generators heat exchanger shell and tube.

- Operate air cooling fan heat exchanger.
- Operate natural fuel gas heat exchanger Shell and tube.
- Operate closed cooling water shell and tube heat exchanger for cooling generator hydrogen.
- Operate natural fuel gas compressors.
- Operate closed cooling water cycles and pump house area.
- Operate steam turbine 250MW.
- Operate gas turbine 250MW.
- Operate instrument and service air compressors.
- Operate units through DCS, start-up, shutdown, monitoring and take correct action in emergency cases.

Dates : From 2011 till 2015

Employer : Cairo Electricity Production Co.

Job title : Power Plant Operator

Job Description :

- Responsible for lube oil, control oil, seal oil of gas turbine and steam turbine.
- Responsible for operation of Boiler feed water pumps.
- Responsible for operation of condenser, condensate pumps, circulate pumps, debris filter, vacuum pumps and ejector.
- Responsible for switchgear.
- Responsible for fuel gas compressors.
- Responsible for operation of plate type cooling oil heat exchanger.
- Responsible for operation travelling screen, raw water pumps.
- Monitoring parameters such as temperatures, pressure, flow, vibration.
- Report to shift charge engineer.
- Take correct action in emergency cases.