

105024-MEC-1OS-E-2008
Shift Charge Operation Engineer

Holds a B. Sc. in Mechanical Engineering and has about 15 years' experience working in operation and commissioning mainly at Abu Qir Thermal Power Plant.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/01/1986
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Engineering, Alexandria University, 2008

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Design and drawing using AutoCAD

TRAINING COURSES AND CERTIFICATIONS

: Operation and maintenance for boilers (2x650MW Gas / Oil fired) from Italy.
: Commissioning and first start-up for steam power plant.
: Training course on English from Abu Qir Training Center.
: OSHA certificate.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2016 till now
Employer : West Delta Electricity Production Co.
Project : Abu Qir Thermal Power Plant two units (2x650MW GAS/OIL Fired)
Job title : Shift Charge Operation Engineer
Job Description : Working in normal operations, abnormal condition and normal shutdown, abnormal shutdown.

Dates : From 2012 till 2016
Employer : West Delta Electricity Production Co.
Project : Abu Qir Thermal Power Plant two units (2x650MW GAS/OIL Fired)
Job title : Operation Engineer for the boiler
Job Description : Worked in steam turbine & Auxiliary pumps for feed water & condensate system.

Dates : From 2010 till 2012
Employer : West Delta Electricity Production Co.
Project : Abu Qir Thermal Power Plant two units (2x650MW GAS/OIL Fired)
Job title : Operation Engineer
Job Description : Worked in construction and compare with P&ID for boiler (gas & oil) fired.

Dates : From 2008 till 2010
Project : El-Atf Gas Combined Cycle Power Plant
Job Description : Worked in commissioning and first operation module 750MW at flashing commissioning, worked as normal operation.

- Field of experience** :
- Commissioning in Thermal Power Plant:
 - Flashing for closed cooling cycle and change the water and clean the strainer for more than one, and finish this flashing by the Calare the water and the purity.
 - Flashing the service and circulating line by service water pump more than one cycle, there are two service water pumps, one is raining and the second is stand by and used to cool the closed cooling cycle through two closed cooling heat exchangers one in service and other stand by. There are two circulating pumps used cooling the condenser by take water from the sea to condenser to condensate the steam in this condenser.
 - Flashing the condensate pump and the line from condensate pump to feed water tank (deurator) through low pressure heaters (heaters: 1, 2, 3, 4), and change the water more than one time and clean the strainer for the condensate pump.
 - Flushing for feed water line system from feed water tank to economizer inlet for boiler, through high pressure heaters (heaters 6, 7, 8), there are start-up (electric) pump for 25% of load, and two turbine feed water pumps, each one carry 60 % of the load, and two booster pumps to avoid cavitations on turbine pumps. At flushing process change the water more than one time and clean the strainer for start-up pump.
 - Boiler commissioning:
 - Chemical cleaning for the boiler, I worked in a team for chemical cleaning in the boiler.
 - The first fire for boiler to make steam blowing for boiler and pipe line from out let of super heat from boiler to the main stop valve for the turbine, we blowing more than one time to take perfect result.