

103566-MEC-1OS-E-2008
Operation Engineer (Control Room Operator)

Holds a B. Sc. in Mechanical Engineering and has over 15 years' experience, including 14 years working as Operation Engineer (Control Room Operator) at Power Station.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 03/03/1984
Gender : Male
Marital Status : Married
Residence : Suez

EDUCATION

: B. Sc. in Mechanical Engineering, Higher Technological Institute (10th of Ramadan City), 2008

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Off-shore training in South Korea (Sep./Oct. 2011):

- Korea Power Learning Institute (KPLI).
- Korea Western Power Corporation (KOWEPO).

: Bechtel training for Operation and Maintenance of Power Plants.

: Doosan Co. training for Operation and Maintenance of SUPERCRITICAL BOILER.

: Hitachi Co. training for Operation and Maintenance of Steam turbine and generator.

: Cameron Co. training for Operation and Maintenance of centrifugal air compressors.

: ABB Co. simulator training for EL AIN EL SOKHNA Power Plant operation.

: VIOLEA Co. training for operation of MED desalination unit.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2009 till now
Employer : East Delta Electricity Production Company (EDEPC)
Project : EL AIN EL SOKHNA SUPERCRITICAL STATION
Job title : Operation Engineer (Control Room Operator)
Job Description :

- Operation of 2x650MW Supercritical Steam Thermal Power gas & mazout fired Station to be connected to the National Unified Power System (NUPS) through the New 500KV GIS Switchyard Facility.
- Operate and control all power generation equipment including supercritical boiler.
- Start-up and commissioning such as flushing process for various systems, chemical cleaning, hydrotest and steam blowing for supercritical boiler.
- Operation of start-up test such as house load, load rejection, runback at variable loads.
- Heat run and solo test for driving motors and vibration measurements.
- Control and maintain auxiliaries equipments such as pumps, fans, feed water heaters.
- Make adjustments or minor repairs and report any need for major repairs.
- Monitor and inspect power plant to detect evidence of operating problems.
- Start-up, safe shutdown, operation at normal condition and deal with troubleshootings.
- Aware of several DCS systems (ABB, YOCOGAWA, WOODWARD, HITACHI).
- Operation of steam turbine, generator and their auxiliaries (lube oil skid, hydraulic oil skid, vaccum pump system, hydrogen seal oil skid, stator cooling water skid).
- Operation of hydrogen generation plant with capacity 6 N m3/h.

Dates : From Dec. 2008 till Jun. 2009
Employer : Pharaoh Golden Mines
Project : Sukari Mountain Project
Job title : Construction Engineer
Job Description : Prepare PIDs and isometric drawings and supervision on tanks and piping as ASME & API code.

Dates : From Jun. 2008 till Nov. 2008
Employer : Ameron Egypt
Job title : Production Engineer (concrete cylinder pipes)
Job Description : Maintain flexibility of production line of concrete cylinder pipe which consist of helical machining, welding inspection, hydrotests.