

102015-ELE-1OS-E-2010

Commissioning & CCR Operation Engineer

Holds a B. Sc. and a Diploma in Electrical Power Engineering and has over 10 years' experience of successfully overseeing and completing projects thermal power plants and supercritical power plants. Good experience in commissioning and operation of turbine, generator and auxiliaries.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 19/04/1987
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Electrical Engineering, Alexandria University, 2010
: Diploma of Electrical Power Engineering, Alexandria University, 2014

LANGUAGES

Arabic : Native Language
English : Very Good
German : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: PLC
: AutoCAD 2D
: Dialux and Ecodial
: C-language, MATLAB, Eagle and Proteus programs

TRAINING COURSES AND CERTIFICATIONS

: Trainings at:

- ALEXFERT.
- Petroleum Pipes Company.
- EZDK (Ezz El-Dekhila Steel Co.).

: ICDL Certified.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2021 till now
Employer : Doosan Heavy Industries and Construction (DHI)
Project : Assiut Steam Power Plant 1x670MW (supercritical) - DHI steam turbine and generator model (DST-S20/HIP combined +4FLP) with (24KV generator hydrogen cooling and stator water coil cooling), turbine and generator auxiliaries
Job title : Commissioning & CCR Operation Engineer
Job Description :

- Preparing all equipment (pre-commissioning solo run, heat run, inspection for cleaning before flushing).
- Lube oil system flushing, control oil flushing, seal oil flushing, steam blow, initial turning gear, stator coil cooling flushing, vacuum up test, first filling hydrogen gas inside generator and purge, steam turbine bypass skid oil flushing and bypass operation.
- Air blow for instrument air system.
- Initial startup for steam turbine, over speed test, synchronization, valve test.
- Unit stabilization (operation) followed by performance guarantee (PG) test, reliability test (RT), unit controller, responsibility plant operation, proper and timely response during emergency, coordinate startup/shutdown activities and run back testes and load rejection tests.
- Performed performance tests.
- Preventive maintenance as pre-scheduled.
- Operation system in TCS with Doosan Company (Siemens T3000).

Dates : From Feb. 2012 till Jan. 2021
Employer : West Delta Electricity Production Company (WDEPC)
Project : Abu Qir 2x650MW Power Plant
Job title : Operation Engineer
Job Description :

- Start-up and shut-down procedures for thermal power plant 2x650MW (Cold, Warm, and Hot Start-up and normal or emergency shut-down).
- Turbine & auxiliaries operation (Mitsubishi & PSP) and reporting the equipment condition during normal operation.
- Boiler & auxiliaries operation (Ansaldo) and reporting the equipment condition during normal operation.
- Good working knowledge of hydrogen production plant.

Dates : From Jan. 2011 till Feb. 2012
Employer : SESCO TRANS ALEXANDRIA PORT
Job title : Electrical Power & Control Engineer
Job Description : Monitoring & Maintenance of Heavy equipments specially ship unloader equipment.