

Holds a B. Sc. in Mechatronics Engineering and has over 5 years hands-on experience working in construction, commissioning and operation.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 27/04/1989
Gender : Male
Marital Status : Married
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Mechatronics Engineering, Helwan University, 2015

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

: (CNC) Machine course from Technology & Electrical System Co.
: Trainings at:

- EGYPTIAN IRON & STEEL COMPANY.
- EL-KUREIMAT POWER STATION.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2020 till now
Employer : Energy China JEPCC 1
Job title : Operation Engineer
Job Description :

- Investigate and understand root causes for issues in business operations.
- Develop corrective actions to solve the operations issues.
- Provide consulting services to solve operations engineering problems.
- Ensure operations related activities are performed in compliance with

company standards and regulations.

- Initiate continuous process improvements to improve operational effectiveness.
- Provide engineering support to operations team in achieving business goals.
- Ensure that the Operation Procedure on the site is matching with the HSE policy.

Dates : From Jan. 2016 till Jan. 2020

Employer : TECHINT FOR ENGINEERING & CONSTRUCTOIN

Job title : Operation Engineer

Job Description :

- Investigate and understand root causes for issues in business operations.
- Develop corrective actions to solve the operations issues.
- Provide consulting services to solve operations engineering problems.
- Ensure operations related activities are performed in compliance with company standards and regulations.
- Initiate continuous process improvements to improve operational effectiveness.
- Provide engineering support to operations team in achieving business goals.
- Ensure that the Operation Procedure on the site is matching with the HSE policy.

Projects:

- South Helwan Supercritical Power 3x650MW (CP-118 BOP):
 - Scope of work and achievements:
 - ❖ Start-up / shut down of all the systems related to CP-118.
 - ❖ Support the Commissioning Team Start-up Procedure of the equipment.
 - ❖ Secure the Unit During Emergency Conditions or shutdown.
 - ❖ Support the Mechanical Team During any Maintenance Action on the unit.
 - ❖ Follow up and Report the Unit's Condition.
 - ❖ Periodical Equipment change over procedures.
 - ❖ Ensure that the Normal Operation Procedure is going on according to Technical Recommendations Recommended by the Consultant.
 - These tasks were applied on all the Systems related to CP-118 scope including:
 - ❖ Feed water system.
 - ❖ Condensate system.
 - ❖ Closed cooling system.
 - ❖ Air Compressor System.
 - ❖ Condensate Transfer System.
 - ❖ Demineralized Water System.
 - ❖ Fire Protection System.
 - ❖ Hydrogen Unit
 - ❖ Re-Boiler System.
 - Operation Phase achievements:
 - ❖ Start-up / shut down of all the systems related to CP-118.

- ❖ Achieve the Steam Blowing Successfully for the power plant unit.
- ❖ Achieve the Performance test for the unit.
- ❖ Achieve the Reliability test for the unit.
- Cairo West Supercritical Power 1x650MW (CP-118 BOP):
 - Scope of work and achievements:
 - ❖ Start-up / shut down of all the systems related to CP-118.
 - ❖ Support the Commissioning Team Start-up Procedure of the equipment.
 - ❖ Secure the Unit During Emergency Conditions or shutdown.
 - ❖ Support the Mechanical Team During any Maintenance Action on the unit.
 - ❖ Follow up and Report the Unit's Condition.
 - ❖ Periodical Equipment change over procedures.
 - ❖ Ensure that the Normal Operation Procedure is going on according to Technical Recommendations Recommended by the Consultant.
 - These tasks were applied on all the Systems related to CP-118 scope including:
 - ❖ Feed water system.
 - ❖ Condensate system.
 - ❖ Closed cooling system.
 - ❖ Air Compressor System.
 - ❖ Condensate Transfer System.
 - ❖ Demineralized Water System.
 - ❖ Fire Protection System.
 - ❖ Hydrogen Unit
 - ❖ Re-Boiler System.
 - ❖ Aux Boiler.
 - Operation Phase achievements:
 - ❖ Start-up / shut down of all the systems related to CP-118.
 - ❖ Achieve the Steam Blowing Successfully for the power plant unit.
 - ❖ Achieve the Performance test for the unit.
 - ❖ Achieve the Reliability test for the unit.