

Holds a B. Sc. in Mechanical Power Engineering and has over 9 years experience, including 6 years working in operation and commissioning at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 06/08/1991
Gender : Male
Residence : Suez

EDUCATION

: B. Sc. in Mechanical Power Engineering, Higher Technological Institute at 10th of Ramadan City, 2013

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Course in Commissioning and start-up of mechanical equipment at American University in Cairo (AUC).
- : Mechanical Engineering in Oil & Gas, Multiserv Middle East, Cairo.
- : Asset Life-Cycle Management - A Reliability journey from zero to hero, RES Global, Cairo.
- : Trainings at:
 - Shoubra El-Kheima Power Plant.
 - International Cables Company.
 - National Company of Maize Production.
 - Deshna Sugar Factory.
 - Naga Hammadi Fiber Board Production Company.
- : ICDL (MS Office, Internet) (Dec. 2012).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Sep. 2022 till now
Employer : Suez Steel Co.

Project : Operation in a direct reduction plant, Suez
Job title : Operation Engineer
Job Description :

- Responsible for the operation of the plant in a good mood.
- Achieve the target of production of the reduction iron.
- Monitoring and Ensuring safe, fast, and efficient resolution of problems to return systems and equipment to ready-to run condition.

Dates : From May 2022 till Aug. 2022
Employer : Petrojet
Project : Ain Sokhna
Job title : Mechanical Commissioning Engineer
Job Description :

- Ensure that all safety and precautionary requirements and procedures are followed during the commissioning activity.
- Pre-commissioning works such as air blowing and water flushing of the system.
- Responsible for Equipment including parallelism, final alignment, and boxing-up.

Dates : From Jan. 2021 till Jan. 2022
Employer : Doosam Heavy Industries
Project : Cairo
Job title : Mechanical Commissioning Engineer
Job Description :

- Responsible for the safe and efficient commissioning of Steam turbine and auxiliary systems such as Lube Oil, Hydraulic oil, Seal oil, Bypass valve oil skid, and Hydrogen system.
- Prepare and review the commissioning procedure for systems.
- Preservation and cleanliness regime that will provide assurance that plant and equipment will remain in good condition and operable at all stages throughout the project.

Dates : From Jul. 2020 till Dec. 2020
Employer : Petrojet
Project : Assiut
Job title : Mechanical Commissioning Engineer
Job Description :

- Ensure that all safety and precautionary requirements and procedures are followed during the commissioning activity.
- Review the engineering, and technical documents and prepare a procedure for systematic and sequential commissioning of the plant.
- Coordination working at the site. Conduct a meeting with the commissioning manager to review testing and commissioning progress and assess the available resources and possible constraints in the execution.
- Prepare project-specific preservation requirements to Disciplines, as required.
- Issue Weekly preservation checklist across project activated components.

Dates : From Nov. 2017 till May 2020
Employer : Orascom Construction
Project : NEW ASSIUT COMBINED CYCLE POWER PLANT 1500MW
Job title : Commissioning & Operation Engineer
Job Description :

- Participate with GE team in Testing and commissioning for GE steam turbine systems (lube, seal, Lift, hydraulic) oils, Service air system, Hydrogen system, and filling the generator with Hydrogen.
- Testing and commissioning for the BOP systems condensate system & condensate pumps, Feedwater system, closed cooling system, Dematerialized water pumps, and Hydrogen plant. Steam blow activities and target plate inspection for each steam path for HRSG.
- The operation, monitoring, and conditions reporting for the BOP systems (condensate system, Feedwater system, closed cooling system).
- Prepare Preservation activities from Vendor delivery till handing over to Client.
- Assist Client to maintain Preservation requirements post hand over to operation.

Dates : From Apr. 2017 till Oct. 2017
Employer : ELSEWEDY (PSP) / SIEMENS
Project : Beni Suef 4800MW CCGT
Job title : Mechanical Commissioning Engineer
Job Description :

- Testing and commissioning for Siemens (SGT5-8000H) gas turbine systems (lube oil, seal oil, lifting oil, hydraulic oil) and Service air system, Hydrogen system, and filling the generator with Hydrogen.
- Testing and commissioning for Siemens (SST5-5000H) steam Turbine systems (lube oil, seal oil, lifting oil, hydraulic oil) and Service air system, Hydrogen system, and filling the generator with Hydrogen.

Dates : From Oct. 2014 till Mar. 2017
Employer : Egyptian Army
Project : Military Service
Job title : Operation & Maintenance Engineer
Job Description :

- Responsible for operation and maintenance of power units on military bases.
- Making maintenance plans for each unit according to machine manual and manufacturer instructions.
- Reporting breakdown root cause and equipment faults to management.

Field of experience :

- Mechanical Commissioning Engineer with experience in pre-commissioning, Cold and hot commissioning, acceptance testing, inspection and operation activities in Combined Cycle & supercritical power plants, also operation activities for GE Steam turbines, Siemens Gas and Steam turbines, HRSG. Also, managing daily operational activities and meetings, strong focus on quality, safety, and environmental aspects in every work area, with strong leading and instructing abilities.
- Skills:
 - Developing Plant Systemization and Commissioning plans.

- Schedules and work coordinating.
- Coordinate, execute and document preservation, maintenance and inspection activities.