

Holds a B. Sc. in Mechanical Power Engineering and has over 10 years hands-on experience working in operation, commissioning and start-up at Power Plants.

PERSONAL DATA

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

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2007

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Desalination Methods (Thermal Distillation-Membrane).
- : Most popular problems in steam power stations.
- : Operation of steam power plants.
- : Training at Sidi Krir Management Service Company Ltd (power station) in operation department for two months (summer 2006).
- : Training at Abu Qir Fertilizers Company (summer 2005).
- : Non-destructive tests (NDT):
 - Ultrasonic testing method (UT) level II.
 - Radiographic testing method (RT) level II.
 - Advanced Welding Technology & Fabrication.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2017 till now
Employer : Elsewedy PSP Company

Project : Beni Suef Power Plant 4800MW Siemens SGT 5-8000H multi Shaft 4 x 1.2 GW with boiler once through (BENSON MODE) and four Siemens steam turbine (SST-5000)

Job title : Shift Charge Commissioning Engineer

Job Description :

- Responsible for Start-up and Shutdown procedure unit following requirement test and procedure commissioning sequence as per standard operational procedure.
- Responsible for Start-up and Shutdown Turbine unit during turning gear not available and given exercise client to operate plant.
- Responsible for Steam blow activities from preparation, coordination with all parties involved, inspection prior and during steam blow, until acceptance of target plate result.
- Analyzing plant parameter trend/curve, event log and records to investigate the root cause of plant disturbance to find the correct solution.
- Reviewing commissioning procedure to ensure achieving specific purpose of each system and organizing commissioning schedule.
- Familiar with standard operational procedure for start-up, shutdown Steam Turbine, Water pump, Boiler Tower Type and action in emergency condition.
- Familiar with DCS Operation TXP, T3000 Siemens and Logic control, P&ID drawing construction.
- Supervising and coordinating all parties involved in operation of the plant, including construction/maintenance department to sustain continuous operations.
- Reviewing procedure and verifying the result of Load Rejection from GCB and 500KV CB (house load operation).
- Control & Execute of Run back test and Black Out Test.
- Supervising and verifying force cooling Turbine, HRSG.
- Responsible for all activities from gas turbine and steam turbine Power Plant test, coordination with all parties involved.
- Control and Monitoring protection unit following the contract agreement with client.
- Establish the plant to achieving safety.

Dates : From Dec. 2013 till Sep. 2017

Employer : WDEPC

Project : New Abu Qir Steam Power Plant (2x650MW)
(Ansaldo boiler, MHI turbine, MELCO generator, Siemens GIS and ABB DCS operation system)

Job title : Shift Charge Commissioning Engineer

Job Description :

- Responsible for Start-up and Shutdown unit following requirement test and procedure commissioning sequence as per standard operational procedure.
- Responsible for Start-up and Shutdown Turbine unit during turning gear not available.
- Responsible for Steam blow activities from preparation, coordination with all parties involved, inspection prior and during steam blow, until acceptance of target plate result.
- Reviewing commissioning procedure to ensure achieving specific purpose of each system and organizing commissioning schedule.

- Analyzing plant parameter trend/curve, event log and records to investigate the root cause of plant disturbance to find the correct solution.
- Familiar with standard operational procedure for start-up, shutdown Steam Turbine, Water pump, Boiler Tower Type and action in emergency condition.
- Familiar with DCS Operation, ABB operation system and Logic control, P&ID drawing construction.
- Supervising and coordinating all parties involved in operation of the plant, including construction/maintenance department to sustain continuous operations.
- Reviewing procedure and verifying the result of Load Rejection from GCB and 500KV CB (house load operation).
- Control & Execute of Run back test and Black Out Test.
- Responsible for all activities from steam turbine Power Plant test, coordination with all parties involved.
- Control and Monitoring protection unit following the contract agreement.
- Establish the plant to achieving safety.

Dates : From May 2009 till Nov. 2013

Employer : WDEPC

Project : Abu Qir Steam Power Plant (manufactured by Alstom) using DCS

Job title : Control Room Operator (CRO)

Job Description :

- Acceptance of construction completion and establishing precondition prior to execution of commissioning activities.
- Responsible for Steam blow activities from preparation, coordination with all parties involved, inspection prior and during steam blow, until acceptance of target plate result.
- Analyzing plant parameter trend/curve, event log and records to investigate the root cause of plant disturbance and to find the correct solution for steam Turbine.
- Reviewing commissioning procedure to ensure achieving specific purpose of each system and organizing commissioning schedule.
- Familiar with standard operational procedure for start-up, shutdown steam Turbine and action in emergency condition in Operational, P&ID drawing construction.
- Supervising and coordinating all parties involved in operation of the plant, including construction/maintenance department to sustain continuous operations.
- Supervising Boiler Chemical Cleaning, Boiler protection test, first oil firing, boiler tightness test up to nominal operating pressure, on load safety valve setting and checking boiler expansion.

Dates : From Dec. 2007 till Apr. 2009

Employer : WDEPC

Project : Abu Qir Power Plant

Job title : Field Operator (Boiler and Turbine)

Job Description :

- Fully responsible for monitoring field condition, conducting a routine check and reporting all abnormal condition, give valid feedback to Control Room Operator.

- Maintaining safety procedure as per Power Gen safety rules.
- Responsible for the operation and trouble shooting of local equipment.
- Appointed as an Authorized Person (AP) to do isolation, de-isolation and safety precaution such as draining, venting, purging and releasing stored energy according to safety rules, in accordance with instruction of PTW officer (Senior Authorized Person/SAP).

Dates : From Jul. 2007 till Dec. 2007
Employer : IDKU INTERNATIONAL GROUP for inspection & marine services
Job Description : Inspection of welded joints using non-destructive tests.

Field of experience :

- Operation & Mechanical Commissioning Engineer, WDEPC, Supercritical THERMAL POWER PLANT (2x650MW), SGT 5 – 8000H.
- Responsible for monitoring, establishing safe condition prior to execution of Siemens commissioning gas turbine with Nagural Gas or Oil Burner, reviewing commissioning procedure to ensure achieving specific purpose of each system and organizing commissioning schedule, operating normal and case emergency unit.
- Good experience in coordination and maintain good communication with all parties involved as well as verifying commissioning result and reports.
- Familiar with Progamable Logic Control and P&ID drawing construction, standard operational procedure for start up, shutdown and action in case emergency condition gas turbine and coal fire power plant.
- Analyzing plant parameter trend/curve, event log and records to investigate the root cause of plant disturbance and to find the correct solution.
- Member of consortium Commissioning team, actively involve on pre-commissioning and commissioning on partial & integral testing Gas Turbine and coal fired power plant.
- Experience on the operational of the power plant also power generation.
- Experience on the heavy equipment services.
- Trained as a fire team member.