

Holds a B. Sc. and a Diploma in Electrical Power Engineering and has about 11 years hands-on experience working in commissioning, start-up and operation at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 10/10/1984
Gender : Male
Marital Status : Married
Residence : Currently Iraq

EDUCATION

: B. Sc. in Electrical Power Engineering, Al-Azhar University, 2008
: Diploma in Electrical Power Engineering, Menoufia University

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Maximo, PLC

TRAINING COURSES AND CERTIFICATIONS

: Operation of gas turbine, Mitsubishi Heavy Industrial, El-Atf site, Egypt.
: Operation of steam turbine, Ansaldo Energia, El-Atf site, Egypt.
: HRSG operation and maintenance.
: HRSG controls and instrumentation.
: HRSG water chemistry and safety, NEM – B.U. industrial & utility boilers, course in El-Atf site, Egypt.
: CENTUM CS 3000 R3 Fundamentals for operation, Yokogawa Middle East, El-Atf site, Egypt.
: Maintenance and operation of horizontal pumps & sump pump, Toshiba, El-Atf site, Egypt.
: PLC Advanced course (Sep./Oct. 2008).
: ICDL

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2018 till now
Employer : GE
Project : Besmaya Power Plant (3000MW), Iraq
O&M of Combined Cycle Power Plant with GE - Gas Turbine: 9FA, Steam Turbine: C7
Job title : Operation Engineer
Job Description :

- To supervise and oversee daily plant operations and maintenance performed by Operations team whilst on shift in order to ensure that operational targets are achieved safely, commercially and within the strict environmental and contractual limits.
- Direct the operating crew to safely operate a power plant and associated equipment in accordance with established procedures and practices.
- Troubleshoot operational problems and initiate maintenance requests.
- Ensure the plant and associated equipment is operated in compliance with applicable regulations.
- Exercise sound judgment and take timely actions as needed to ensure personnel safety, to remain in compliance with regulations and to prevent equipment damage.
- Assess risks posed by identified problems and ensure management and other plant personnel are made aware of those risks.
- Development of short and long term operation strategy for the plant and the development of a capable shift engineer and operator team to support that strategy.
- Day to day plant operation, safely and efficiently, according to good utility practice, dispatch instructions, the company rules and procedures.
- Ensure that plant meets safety, availability, reliability, efficiency, generation and budget targets.

Dates : From 2015 till 2018
Employer : West Delta Electricity Production Co.
Project : Abu Qir Thermal Power Plant (2x650MW)
Job title : Operation Engineer
Job Description :

- Attending and observing all Commissioning Tests with all Contractors (Make flushing, Steam blowing, Heat and Run tests, chemical cleaning for different systems, make energized for different electrical systems, Load rejection test, Run back test, Performance and reliability test).
- Supervision of plant auxiliaries.
- Analysis and troubleshooting of operation problems.
- Making connection and disconnection for electrical circuits of 500KV, 6.6KV, 380V and operation of electrical diesel-generators.
- GIS Operation Engineer (500KV).
- Firefighting system.
- Closed cooling water system.
- Operation H2 production plant.
- Operation Desalination water production plant.

Dates : From 2010 till 2015
Employer : Middle Delta Electricity Production Company
Project : EI-Atf 750MW Combined Cycle
Job title : Operation Engineer
Job Description :

- Commissioning, start-up and operation for Steam turbine ANSALDO (250MW). Perform the sequence test for the following systems (CP-118):
 - Condensate system & condensate pumps.
 - Feed water system (LP, HP/IP) & FWP's.
 - Circulating water system & CW pumps.
 - Service water system.
 - Closed cooling system.
 - Instrument and service air system.
 - Potable water system.
- FOR NEM HRSG boilers:
 - Perform cleaning activity according to procedures for condensate and feed water systems.
 - Perform the blow out activities for HP steam, HRH & CRH steam, LP steam lines.
- Worked as Owner Operation Engineer, responsible for:
 - Conducting all preparation steps of units in field to realize permissive for start-up from control room such as (filling line of water free of bubbles, all safety valves ready, coolers in service, all electrical power source ready position of motorized valves in auto mode and ready to work locally, all manual valves before and after control and motorized valves shall be open, etc.
 - Record the commissioning data for all systems mentioned previously.
 - Report and advise the daily activities for all systems mentioned previously.

Dates : From 2009 till 2010
Employer : [EGYPTROL](#) (sub-contract to TOSHIBA)
Project : EI-Atf Power Plant (750MW)
Job title : Electrical Engineer (worked as Commissioning, Start-up & Maintenance Engineer of the electrical systems)
Job Description :

- Power plant main transformer 340 MVA-220/15.75KV.
- Power plant unit auxiliary transformer 34 MVA-21/6.3KV.
- Local control panels.
- Commissioning and start-up for 380 & 6000 V motors.

Field of experience :

- Major projects of power plant have includes installation for gas turbine, steam turbine, boilers and related auxiliaries. All aspects of commissioning, start-up and operation for all Electrical equipments to be according client contract specification and manufacture requirement. Understanding of P&ID drawing and pipe line installation commissioning, under & above Ground piping, pumps and valves.
- Technical ability in the field and in the office.
- Adaptable, with ability to have valuable input to many aspects of a project.