

Holds a B. Sc. in Mechanical Power Engineering and has over 12 years hands-on experience working in commissioning and start-up at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 17/04/1986
Gender : Male
Marital Status : Married
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Cairo University, 2008

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: HAP (Hourly Analysis Program)

TRAINING COURSES AND CERTIFICATIONS

- : T.M.P S.p.A termomeccanica pompe for centrifugal pumps (theory operation & maintenance).
- : T.M.P S.p.A termomeccanica pompe for centrifugal pumps (instrumentation).
- : Cairo Electricity Production Company (Power Plant Training Center): economic operation of steam power plant.
- : Cairo Electricity Production Company (Power Plant Training Center): operation of electrical power generator.
- : Cairo Electricity Production Company (Shoubra El-Kheima Power Plant): Bechtel course.
- : Salesian Institute (electricity for civil installations).
- : Summer trainings at:
 - Cairo Oil Refining Co.
 - General Motors Egypt Factory.
 - Developing of Sinai Project.
 - Goldy Factories for Refrigeration.

CHRONOLOGICAL EXPERIENCE RECORD

- Project** : Cairo West Supercritical Power Station unit 1E 1x650MW
- Job title** : Commissioning & Start-up Engineer & Customer Site Witness
- Job Description** :
- Attend the construction of the units as a witness.
 - Attend the commissioning tests (run back, turbine load rejection, performance test) and the specific tests for turbine and its auxiliaries (auto start for lube oil pumps, vacuum unloader, the pedestal test, over speed test, GOV and MSV tests).
 - Participate in verifying the interlocks and alarms.
 - Participate in prepare and start the turning gear cycle.
 - Participate as contractors allow for the Starting up and commissioning process for the power plant.
 - Participate in coordinate with contractors in pipe line Flushes (lube, seal control, jacking oil lines and all feed water and auxiliary steam lines).
 - Participate steam blows for critical pipes and gland steam header.
 - Participate in motor heat run and equipment's test.
 - Participate as a witness in adjusting and tuning the MSV, ICV, GOV, RSV valves.
 - Participate in all process for CP-118 (from filling the circulating water pipe line from a service water line, the condenser and deaerator, starting condensate, booster and main feed water pumps, control the drum level, get the water heaters in service and stable its level.
 - Prepare the Closed cooling system of the unit.
 - Prepare the Air system for the unit.
 - Prepare Auxiliary steam system.
 - Prepare the Water cycle from Condenser to the Boiler.
 - Keep the level of the Drum in safe level for the unit.
 - Change over for Equipment's.
 - Prepare the boiler and its auxiliaries for start-up.
 - Change the fuel for the boiler neither from (warm up oil to natural gas) or (from natural gas to mazout) (or conversely).
 - Save the machines at shutdown or start up case.
 - Respond immediately to plant process upsets/emergencies and safety emergencies.
- Dates** : From Jul. 2011 till 2019
- Project** : Cairo West Power Station 2x350MW
- Job title** : Shift Engineer for units 7 & 8
- Job Description** :
- Responsible for the whole plant (turbine, bop, boiler and all auxiliary equipment's).
 - Monitoring all their parameters with coordinate with our disk operators.
 - Save the machines at shutdown or start-up case.
 - Respond immediately to plant process upsets / emergencies and safety emergencies and deal with any troubleshooting.
 - Isolate or tagging and de isolate the equipment's in coordinating with maintenance department.
 - Make all process under safety cautions to save my crew form any accidents.

Dates : From Aug. 2015 till Jan. 2016
Employer : Ansaldo Energia
Project : Giza North Power Station
(3 modules x 750MW combined cycle, Ansaldo steam turbine and GE gas turbine)
Job title : Commissioning & Start-up Engineer
Job Description : Responsible with my colleagues and in coordinate with our leader for the following process:

- Flushing the pipe line of (lube oil, seal oil, control oil, jacking oil, cooling water).
- Make a leakage test for gas cooler of generator.
- Participate in steam blow for critical pipes and gland steam header.
- Verify interlocks and alarms.
- Make heat run test for motors and equipment's.
- Prepare the steam turbine for startup or shutdown and all tests (runback, load rejection, over speed test).
- Monitoring the turbine parameters respond immediately to turbine process upsets / emergencies and safety emergencies.
- Isolate and de isolate our equipment's according to the maintenance department.
- The gas turbine is self-study.

Dates : From Mar. 2009 till Jul. 2011
Project : Cairo West Steam Power Station units 7 & 8 (2x350MW)
Job title : Commissioning & Start-up Engineer & Customer Site Witness
Job Description :

- Attend the construction of the units as a witness.
- Attend the commissioning tests (run back, turbine load rejection, performance test) and the specific tests for turbine and its auxiliaries (auto start for lube oil pumps, vacuum unloader, the pedestal test, over speed test, GOV and MSV tests).
- Participate in verifying the interlocks and alarms.
- Participate in prepare and start the turning gear cycle.
- Participate as contractors allow for the Starting up and commissioning process for the power plant.
- Participate in coordinate with contractors in pipe line Flushes (lube, seal control, jacking oil lines and all feed water and auxiliary steam lines).
- Participate steam blows for critical pipes and gland steam header.
- Participate in motor heat run and equipment's test.
- Participate as a witness in adjusting and tuning the MSV, ICV, GOV, RSV valves.
- Participate in all process for CP-118 (from filling the circulating water pipe line from a service water line, the condenser and deaerator, starting condensate, booster and main feed water pumps, control the drum level, get the water heaters in service and stable its level.
- Prepare the Closed cooling system of the unit.
- Prepare the Air system for the unit.
- Prepare Auxiliary steam system.
- Prepare the Water cycle from Condenser to the Boiler.
- Keep the level of the Drum in safe level for the unit.

- Change over for Equipment's.
- Prepare the boiler and its auxiliaries for start-up.
- Change the fuel for the boiler neither from (warm up oil to natural gas) or (from natural gas to mazout) (or conversely).
- Save the machines at shutdown or start up case.
- Respond immediately to plant process upsets/emergencies and safety emergencies.