

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

PERSONAL DATA

Nationality : Egyptian
Birth Date : 09/05/1983
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2005

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Training course for SIDI KRIR power station 750MW combined cycle project (2x250MW MITSUBISHI 701F and auxiliaries) by Mitsubishi Heavy Industries in project site of Sidi Krir for 30 days and completed the period of reliability.
- : Auxiliaries operation and troubleshooting e.g. feed water pumps, circulate water pumps (sea pumps), condensate pumps, service pumps, closed cycle cooling water system and air compressors, etc. by Toshiba (3 weeks).
- : Off-shore training for safe start-up, shut-down Heat Recovery Steam Generator with 3 drums (multi-pressure HRSG and all its auxiliaries) by Dutch group from NEM company (3 weeks in class, 2 weeks in local, 3 weeks in control room).
- : Off-shore training for safe start-up, shut-down of Steam turbine generator operation, Condenser, Steam turbine auxiliaries by Ansaldo company by Italian groups (4 weeks).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From 2007 till now
- Project** : Sidi Krir 750MW Combined Cycle:
- Two gas turbine units (2x250MW) Mitsubishi frame 701F.
 - Two HRSG designed by NEM.
 - One steam turbine unit (1x250MW) Ansaldo Energia.
- Job title** : Shift Operation Engineer
- Job Description** :
- Commissioning experience:
 - Supervise the erection works with Gas Turbine Contractor.
 - Heat run test for the motors and flushing for the lines for the systems e.g. Lube Oil, seal oil, closed cooling sys. Instrument & service air sys., etc.
 - First fire of the gas turbine two units and make tests of the units as (Rub check, Air blowing).
 - Safe start-up and shutdown for the gas turbine.
 - Responsible for reliability and performance test for gas turbine units (house load - load rejection).
 - Supervise the construction works of HRSG and Steam turbine.
 - Steam line blowing presses.
 - Safe start-up and shutdown for the steam turbine.
 - Responsible for reliability and performance test for steam turbine unit (load rejection) steam turbine didn't have auxiliary transformer.
 - Safe start-up and shutdown for the steam turbine.
 - DCS unit operation:
 - Gas Turbine:
 - Start-up and shutdown for the gas turbine units.
 - Unit safe auxiliaries operation processes including:
 - Purge air compressors.
 - Pulse air compressors.
 - Gas compressors.
 - Boiler Operation Processes:
 - Safe start-up, shut-down Heat Recovery Steam Generator with 3 drums (multi-pressure HRSG and all its auxiliaries for example pre-heater sys re-heater sys. Recirculation sys. Drains and vents and blow down.
 - Steam Turbine:
 - Turbine operation processes e.g. turbine start-up and normal operation, vacuum preparations, seal steam system, seal oil system, lube oil, control oil, etc.
 - Unit auxiliary's operation processes including: feed water pumps, circulate water pumps (sea pumps), condensate pumps, service pumps, closed cycle cooling water system and air compressors, etc.
 - Local Operator Engineer:
 - Prepare the different system for operation and check the equipments in operation.