

Holds a B. Sc. in Mechanical Power Engineering and has over 10 years hands-on experience working in construction & maintenance at Sidi Krir Combined Cycle Power Station.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 18/09/1983
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

- : B. Sc. in Mechanical Power Engineering, Alexandria University, 2006
- : Egyptian General Secondary Education Certificate (Graduated from Victory College Language School, studying all subjects in English as a first language and French as a second language), 2001

LANGUAGES

Arabic : Native Language
English : Fluent
French : Fair

COMPUTER SKILLS

- : Windows, MS Office, Internet
- : AutoCAD
- : Primavera 6

TRAINING COURSES AND CERTIFICATIONS

- : JICA off-shore training (improvement of maintenance skills for gas turbine and coal fired steam turbine) held in Japan (May/Jun. 2016).
- : English Advanced level in The Arab Academy for Science & Technology.
- : ICDL certificate.
- : On-job training for gas turbine & auxiliaries, held in Sidi Krir job site, Mitsubishi Heavy Industries, Ltd. Takasago Machinery Works (Apr./May 2009).
- : On-job training for steam turbine & auxiliaries, held in Sidi Krir job site, ANSALDO ENERGIA S.P.A. (May/Jun. 2010).
- : KONECRANES training course on operation and maintenance duties for overhead crane 120/20T.

- : On-job training held in Sidi Krir job site for (compressed air systems, horizontal pumps, vertical pumps, cranes, service gas system, fire fighting systems and HVAC system), TOSHIBA Plant Systems & Services Corporation (Jan./Feb. 2010).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Mar. 2007 till now
- Employer** : WDEPCo.
- Project** : Sidi Krir Combined Cycle Power Station 750MW
- Job title** : Mechanical Engineer
- Job Description** :
- Worked in Gas & Steam turbines and their auxiliaries (2x250MW MITSUBISHI 701F gas turbine) & (1x250MW ANSALDO Steam turbine).
 - Maintenance Engineer:
 - Lead 2 major overall inspections (48000 operating hours) of Mitsubishi 701 F gas turbine.
 - Lead 8 combustor inspections (8000 operating hours) of Mitsubishi 701 F gas turbine.
 - Lead 6 turbine inspections (16000 operating hours) of Mitsubishi 701 F gas turbine.
 - Perform the preventive maintenance for mechanical equipments according to the MPIS.
 - B.O.P during normal operation and make equipments history.
 - Minor and major inspections for J.P. SAUR & SOHN reciprocating air compressors.
 - Minor and major inspections for ATLAS COPCO screw air compressors.
 - Major inspections and Replacement gearbox gasket & RTD for ATLAS COPCO centrifugal gas compressors.
 - Maintenance of valves (butterfly, globe, gate, relief, check, ball, diaphragm, plug, Pneumatic and control valves).
 - Maintenance of various pumps (Alignment, mechanical seals & preventive maintenance).
 - Maintenance of various fans and blowers.
 - Manage and control the operational, consumable & hot gas path spare parts in warehouse.
 - Preparing EOH (equivalent operating hours) report.
 - Construction Engineer:
 - Reviewing the technical data of the contract in additional to submittals, transmittals, change notices, O&M manuals and comparing it with site activities.
 - Approving MRR for various equipments & auxiliaries.
 - Follow up the installation procedure for Misc. equipments, auxiliaries & piping.
 - Final alignment of coupling for Generator and Gas Turbine, Exciter and Starting Unit, Starting Unit Internal drives and Reduction Gears, and Misc. Pumps and Motors.
 - Performance of visual inspection of piping fabrication and installation; comparing the final product to the latest P&ID and Piping Isometric Drawings.
 - Perform systems walk down inspection & make the punch items list.

- Perform pressure tests & NDT on all piping systems.
- Monitoring other contracts activities HRSG (NEM) & Steam turbine (ANSALDO).
- Attending construction, progress & commissioning meetings.
- Follow up the tests and commissioning of Gas Turbines.
- Extra work monitoring.