

Holds a B. Sc. in Mechanical Engineering and has about 15 years hands-on experience working in construction, maintenance, operation, commissioning and start-up at Sidi Krir Power Plant.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 28/07/1979
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Engineering, Alexandria University, 2003

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: AutoCAD
: MS Project
: Computerized Maintenance System (IMPAC)

TRAINING COURSES AND CERTIFICATIONS

: Fire fighting (Dec. 2012).
: Basics of Lubricants and Abdications by Shell (Jun. 2008).
: English courses upper intermediate level (Jan. 2008).
: Commissioning & performance of Combined Cycle units (Nov. 2007).
: Commissioning & performance of steam turbine units (Oct. 2007).
: Combined Cycle Power Plant (Apr. 2007).
: Leadership course by Growing Leaders Organization (Jan. 2007).
: Fire fighting (Dec. 2005).
: Water treatment in power station unit (Dec. 2004).
: Leadership course by Equip Organization in Million Leaders Mandate (Jan. 2004).

- : Rakta Company for Papers Manufacturing (Aug./Sep. 2002).
- : Elseof Power Station for electrical power production (Jul./Aug. 2001).
- : Advanced level in reading, writing and speaking in English Language from Oxford Training College.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Oct. 2003 till now
- Employer** : West Delta Electricity Production Co.
- Project** : Sidi Krir Power Station
- Job Description** :
- Senior Mechanical Engineer in Boiler Department at Combined Cycle Power Plant (750MW) (from Jun. 2012 till now):
 - Responsible for Maintain HRSG, Water demineralization Plant, Hypochlorite Plant and Waste Water Plant.
 - Troubleshooting: Setting up Daily Maintenance Activities.
 - Maintenance: Organize and involving all types of (preventive, periodic, routine) maintenance, according to (MPIS) maintenance procedure information system.
 - Outages: Make outages planes and lead the mechanical technicians to achieve it.
 - Spare Parts: Planning Spare Part Requirements (Local & external requirements).
 - Site Engineer for Combined Cycle Power Plant New Project (750MW) (from Jun. 2010 till Jun. 2012):
 - Supervise & follow up the construction activates for Sidi Krir Combined Cycle Power Plant New Project 750MW, it consists of 2 MHI gas turbines, 1 Ansaldo steam turbine, 2 NEM Heat Recovery Steam Generators and 1 Metito Water Treatment.
 - Achievements:
 - Heat Recovery Steam Generators (HRSGs) (NEM Company) Erection.
 - Underground Piping (Orascom) Erection.
 - Water Treatment System (METITO WATER TREATMENT COMPANY).
 - Demineralization system: (2 x 65 m³/hr) Erection.
 - Hypochlorite system: (250 kg/hr) Erection.
 - Waste Water Plant Erection.
 - Junior Mechanical Engineer in Boiler Department for Steam Cycle Power Plant (320x2MW) (from Aug. 2007 till Jun. 2010):
 - For Steam Cycle Power Plant (320x2MW):
 - Troubleshooting: Setting up Daily Maintenance Activities.
 - Maintenance: Organize and involving all types of (preventive, periodic, routine) maintenance, according to (MPIS) maintenance procedure information system.
 - Outages: Make outages planes and lead the mechanical technicians to achieve it.
 - Spare Parts: Planning Spare Part Requirements (Local & external requirements).
 - Pumps: Maintain all types of pumps Troubleshooting, Overall maintenance, preventive maintenance and making Alignment (dial indicator method).

- Blowers: Overall maintenance of Air blowers & air dilution fans.
- Valves: Overall maintenance of valves (globe, gate, Butterfly, Diaphragm and control valves).
- Actuators: Overall maintenance of actuators (single & double acting).
- Piping: Overall maintenance and wilding of piping (carbon steel, galvanized carbon steel, stainless steel and high density polyethylene).
- Burners: mazout burners, natural gas burner.
- Pneumatic dampers: Overall maintenance.
- Soot blowers: Overall maintenance.
- Fans: (FDF&GRF): Overall maintenance.
- Heat exchangers: Overall maintenance.
- For Desalinations units (MSF 500 m3/day):
 - Organize and involving all types of (preventive, periodic, routine) maintenance.
 - Maintenance of pumps (condensate, distillate, BRP, BBDP, sea water pumps).
 - Maintenance of (Brine heater, Desalination plant valves).
 - Control and solve any troubleshooting in the unit system.
- Junior Boiler Operation Engineer for Steam Cycle Power Plant and Desalinations units (from Oct. 2003 till Aug. 2007):
 - Commissioning and Start-up the boiler.
 - Control the units from the DSC system.
 - Solve any troubleshooting in the units system.
 - Achieve safe operation with high efficiency.

Dates : Jan. 2015

Employer : MITSUBISHI HITACHI POWER SYSTEMS & TOYOTA TSUSHO CORP.

Project : Boiler Rehabilitation in Elwalydia Power Station in Assiut Unit 1 - 1x312MW Gas/oil fired

Job Description :

- Water wall replacement.
- HT & RH replacement.