

Holds a B. Sc. in Mechanical Power Engineering and has over 12 years hands-on experience working in maintenance, operation and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 05/02/1981
Gender : Male
Marital Status : Married
Residence : Mansoura

EDUCATION

: B. Sc. in Mechanical Power Engineering, Zagazig University, 2004

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet
: AutoCAD
: Catia

TRAINING COURSES AND CERTIFICATIONS

- : Operation and maintenance of steam turbine, Generator, Condenser & Aux. training program, Ansaldo Energia Training School – Genova, Italy (Jan./Feb. 2014).
- : Operation and maintenance of HRSG Erection, engineering process, pressure parts calculation, Ansaldo Caladie Training School – Milan, Italy (Apr./May 2013).
- : Maintenance of pressure transmitters, temperature transmitters, ABB Co. (one day in Lenno and one day in Genova – Italy).
- : Operation and maintenance of die casting machine, Shenzhen – Qingh Village – Longhua Tone – China (Jun. 2008).
- : Training course for Operation Talkha Power Plant 750MW (gas turbine with combined cycle).
- : Trash rake and travelling screen operation and maintenance training (Banha site).
- : Training course for Ovation windows (OV010 – WIN) operator course to operation in Talkha Power Plant 750MW with combined cycle (Talkha site).

- : On-shore training for Operation and maintenance of HRSG erection, engineering process, pressure parts calculation (Banha site).
- : On-shore training for steam turbine, Generator, Condenser & Aux. training program in Banha site.
- : On-shore training for Hyundai pumps (CWP & SWP & RWP) on mechanical parts, vibration, electrical parts, I&C parts (Banha site).
- : On-shore training for boiler feed water pumps (HP/IP FWP & LP FWP & CONDENSATE PUMP), Termomeccanica pompe (Italian Co.) (Banha site).
- : Training course for Management and scheduling of maintenance operations.
- : On-shore training course for motor operated valves (basic level) and how to maintenance all valves.
- : Training course for the preparation of engineers & technicians, Precision Equipment.
- : Training course for TPM (total productive maintenance).
- : Training course for TQM (total quality management).
- : Training course for Lean Manufacturing in Ahram factory.
- : Training course for Internal quality auditor in Ahram factory.
- : Training course for ISO 9001:2000 requirements in Ahram factory.
- : English conversation courses level 4.
- : Ovation windows operation course.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Sep. 2012 till now
- Project** : Banha Power Station 750MW Combined Cycle
- Job title** : Steam Turbine Maintenance Engineer
- Job Description** :
- Erection of (hp / ip / lp) turbine & generator & condenser and all aux.
 - Erection of pipes oil seal & gland steam condenser & lube oil system & hp/ip by pass & super heat lines & and check the pipes welding using PT & MT & x-ray according to ASME code.
 - Erection of valves (gate, globe, batterfly, ball and safety valves) and make fit-up.
 - Erection of (hp / ip / lp) control and stop valves and cold reheat NRV and ventilator v/v.
 - Erection of the drums & deaerator and check for the connections.
 - Erection of small bore pipings and check for as built drawings and isometric drawings.
 - Make flushing and acid cleaning for pipes and vessels.
 - Make hydrostatic test for the condenser.
 - Erection of hp / ip by pass.
 - Erection of hp / ip and lp feed water pump.
 - Erection and maintenance the desile engine (Emergency diesel) and Diesel pump for Fire System with Hitachi Co.
 - Erection of condenser and water box vacuum pump and tube cleaning system for condenser and debris filter and seal oil system and make tests for this pump.
 - Lube oil and seal oil flushing and by pass flushing.
 - Hydro test for steam pipes, lube oil pipes, oil control lines, jacking oil lines,).

- Hydro test for fire fitting lines.
- Make steam blow for the boilers and lines.
- Make commissioning for all system (turbine valves - condenser - lube oil sym - gland steam condenser - by pass sym - condensate pump - hp/ip, lp fwp - seal oil sym - ball cleaning sym - depris filter sym -).

Dates : From Dec. 2008 till Sep. 2012

Project : Talkha Gas Power Plant 750MW Combined Cycle

Job title : Shift Charge Engineer

Job Description :

- GAS TURBINE Model (SIEMENS V94.3A) with efficiency 36.9 %. Operation of 2x250MW gas turbine -Teleperm XP control system- and associated auxiliary through DCS:
 - Monitoring the operation of a power generating unit to ensure reliable and efficient power generation.
 - Performing the unit startups and shutdowns per assigned targets.
 - Troubleshooting, effective response to emergency conditions and compliance to safety procedures
 - Diagnose and resolve day-to-day operational problems
 - Raising defects for equipment & doing isolation and de isolation procedures according to the work permit.
- HRSG MODEL (CMI) 336 ton/hr & STEAM TURBINE MODEL (ALSTOM) 250MW.
- Make atraining course for the newest engineers and technician.
- Make atraining course for lipyaian engineer from mosrata electriciry power plant.
- Proceeding for boiler cold and hot start-up.
- Proceeding turbine cold and hot start-up & perform main turbine warm up.
- Training the operators for proper care of equipment & how to deal with suddenly problems.
- Proceeding for unit (turbine, boiler and axillaries) shut down.
- Monitor boiler condition during normal operation though DCS system.

Dates : From Jan. 2007 till Dec. 2008

Employer : Ahram Security Group for Metals in 10th of Ramadan

Job title : Maintenance Manager

Job Description :

Great experience in pneumatic system and hydraulic system and mechanics system such as:

- Maintenance pneumatic press (4 tons to 160 tons).
- Maintenance (CNC) transfer m/c (Imas 67, Imas 68, Micron 28, Micron 29, O.T.B).
- Maintenance automatic turning M/C.
- Maintenance betting M/C.
- Maintenance spring M/C.
- Maintenance drilling and milling M/C.
- Maintenance cooling tower (chillers).

Dates : From Jan. 2005 till Jan. 2007

Employer : Sharm Reef Hotel in Sharm El-Sheikh

- Job title** : Maintenance Engineer
- Job Description** :
- Maintenance central air condition.
 - Maintenance "wall, window and split" air condition.
 - Maintenance freezing and cooling rooms.
 - Maintenance laundry equipments.
 - Maintenance all kitchen equipments.
 - Maintenance treatment discharging station.