

Holds a B. Sc. in Mechanical Power Engineering and has over 7 years hands-on experience in operation and construction. Also good knowledge in internal combustion engine maintenance.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 16/05/1981
Gender : Male
Marital Status : Married
Residence : Damanhour

EDUCATION

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

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD (2D and 3D solid modeling)

TRAINING COURSES AND CERTIFICATIONS

- : Course in industrial safety and ways to resist the fire, Department of Defense, Ministry of the Interior, Egypt (Feb. 2009).
- : Training on starting up for gas turbine, boiler and steam turbine, El-Mahmoudia Power Station (May 2009).
- : Training on shut down for gas turbine, boiler and steam turbine, El-Mahmoudia Power Station (Jun. 2009).
- : Training on operation from local control (MK II, MK V) and remote control (DCS), El-Mahmoudia Power Station (May 2008).
- : Training on the up-normal operation cases and general troubleshooting for combined cycle power plant, El-Mahmoudia Power Station (Jul. 2008).
- : Training on operation of the steam power plant, Abu Qir Power Station (Jul. 2002).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Apr. 2008 till now
- Employer** : Middle Delta Electricity Production Company
- Project** : El-Mahmoudia Power Station:
- Mahmoudia Power Station with total power generation 300MW, 8x25MW GE frame 5 gas turbine speed tronic Mark II control system.
 - 2 modules combined cycle, each 4 GT fitted to steam turbine about 50MW GE speed tronic Mark V control system.
 - Boilers (NEM) are heat recovery steam generator and are controlled by DCS.
 - Heat Recovery Steam Generator:
 - On fired steam generator the exhaust gases is passing through duct. This duct includes low pressure evaporator – high pressure evaporator – economizer – supper heater.
 - Feed water tank is heated by circulating water through L.P Evaporator by using L.P circulating pumps.
 - Derator is used to extraction of air.
 - L.P drum – Variable speed feed water pumps – High pressure drum High pressure circulate pump – High pressure super heater – Blow Down tank – Diverter – Auxiliary cooling water system – Air seal Fans – Stake damper – Sight glasses – RTD – Vents – Transmitter & Safety valves.
 - Steam Turbine:
 - Start-up and operation of steam turbine and its related auxiliaries such as Lubrication oil system – Hydraulic oil system – Two control Stopp valves – Tube cleaning system – debris filter – Air Cooled generator – Cooling water system – Oil fan – Extractor – Gland steam seal – Exhaust hood spray water – Air compressor Condenser – Quick & holding ejector – Dump system – Pneumatic valves – Nile C.W pumps & Switchgear.
 - High Voltage & Switchyard:
 - 4 Transformer 220/11/11KV 75 MVA.
 - 2 Transformer 220/11KV 75 MVA.
 - 3 Transformer 220/66/11KV 125 MVA.
 - 6 O.H.L 220KV.
 - 8 O.H.L 66KV.
- Job title** : Operation Engineer (Combined Cycle)
- Job Description** :
- Operating Engineer monitoring save operation on units & switchyard.
 - Analyzing alarms & trips and take action.
 - Preparing daily reports about troubles & operation.
 - Performing start-up or unit shutdown & connect or disconnect switchyard according to general Egypt control command.
 - Examine troubles and calling the suitable maintenance man.
 - Conducting all preparation steps of units in field to realize permissive for start-up from control room such as (filling line of water free of bubbles, all safety valves ready, coolers in service, all skids of hydraulic and pneumatic ready, fire fighting ready, all electrical power source ready, position of motorized valves in auto mode and ready to work locally, all manuals valves before and after control and motorized valves shall be open, etc.

- Survey in field for more check and confirmation of safe operation of equipments.
- Trainer for Junior Engineers.

Dates : From Apr. 2006 till Mar. 2008

Employer : Wazzan Engineering & Trading Company "WETCO"
(This company is specialist in field of design and installation of all types of Swimming pools, Fountains, Waterfalls, Jacuzzis, Splash pool and Water Treatment Stations)

Projects :

- Main swimming pools, fountains, waterfalls, Jacuzzis and splash pool at Reef Oasis Blue Bay Resort & Spa in Sharm El-Sheikh
- Main swimming pools, shallow water and aqua bark at Reef Oasis Beach Resort in Sharm El-Sheikh
- Main swimming pool, fountain and Jacuzzi at Transportation Minister Village in Sharm El-Sheikh
- Main swimming pool at Youth City, Abo Qir in Alexandria

Job title : Supervisor Engineer for electro-mechanical works

Job Description :

- Supervise the installation of electro-mechanical equipment as centrifugal pumps, submersible pumps, dosing pumps, automatic chemical system, sand filters, Electrical panel and under water lights.
- Supervise the installation of pipes network of swimming pool.
- Inspect work in progress to ensure that workmanship conforms to specifications and the adherence to construction schedules.
- Prepare daily reports about the installation process.
- Direct workers concerned with major maintenance or reconditioning projects for existing installations.
- Supervision and follow up to the installation.
- Confers with supervisory personnel and labor representatives to resolve complaints and grievances within work force.

Dates : From Nov. 2005 till Mar. 2006

Employer : Nile Land Transport Company, Ministry of Transportation

Job title : Maintenance Engineer

Job Description : Responsible for maintenance of internal combustion engine.