

Holds a B. Sc. in Mechanical Power Engineering and has about 11 years hands-on experience working in boiler maintenance, commissioning and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 02/01/1984
Gender : Male
Marital Status : Married
Residence : Damanhour

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2005
: Power Station Diploma, Alexandria University, 2010

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

: Training in oil and gas field.
: Training in Nation Alexandria Al Refining and Petrochemical Company.
: Training in West Delta for Electricity Production Company:

- Heat Exchangers Maintenance.
- Distributed Control System (D.C.S.).
- Power Station Operation.
- Lubrication.
- EMPAC.

: Training in El-Naser for Clothing Company.
: Vibration training in EAAC Institute.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2014 till now
Employer : [EGYPTROL](#), AC Boilers Subcontractor
Project : Two Heat Recovery Steam Generators of the 750MW Banha Combined Cycle Power Plant
Job title : HRSG Operator, Start-up & Commissioning Engineer
Job Description :

- Checking the completing of erection works.
- Supporting and follow all pre-commissioning activities as hydro tests and chemical cleaning procedures.
- Restoration all valves/components after chemical cleaning.
- Carry out walk down with all disciplines officially and make punch items to release commissioning to start.
- Carry out all boiler Pumps and motors solo run and heat run tests.
- Cold function loop check
- HRSGs line up and initial filling and initial firing.
- Carry out steam blowing for all steam lines.
- Hot function loop check.
- Hanger supports cold setting adjusting and hot setting checking during boiler running.
- Safety valves pop up testing and test gags removing.
- Function check for all signals and valves.
- Start-up/shut down sequence checking as per manufacture instructions.
- Troubleshooting supporting and maintenance program making as per vendor recommendations.
- Carry out performance tests.
- Documents making and turn over all packages to owner.

Dates : In Jun. 2014
Employer : HELAL ENGINEERING INDUSTRIES (HEI)
Job title : Commissioning & Start-up Engineer
Job Description : Commissioning and start-up sewage water treatment plant at KAHR EL DAWR Power Station, and finalize this project after many months from working stop.

Dates : From Feb. 2010 till May 2014
Employer : NEM Industrial & Utility Boilers
Job title : Boiler Maintenance, Commissioning & Start-up Engineer, Warranty Engineer
Job Description :

- Commissioning of NEM's Heat Recovery Steam Generators & perform the warranty inspection for both HRSG.
- Carried out all commissioning activities as per manufacture recommendation.
- Start-up of the units: Two Heat Recovery Steam Generators (NEM).
- Assist HRSGs operation personnel on daily basis to achieve the optimum operating conditions and keep the power station in the highest available Level of performance and operating conditions.

Dates : From 2005 till Jan. 2010
Employer : West Delta For Electric Production Company
Job title : Shift Charge Engineer & Boiler Maintenance Engineer
Job Description : Commissioning of NEM's Heat Recovery Steam Generators attached to Exhaust of Gas Turbines:

- Steam Blow through.
- HRSG Tuning and Optimization.
- Safety Valves Testing.
- Punch listing.
- Chemical Dosing system (watcon).
- Sampling system (watcon).
- M.O.V. & Pneumatic control valves testing.
- HRSG, Boiler & Drums internal inspections.
- Boiler Maintenance.
- Rebuild Boiler after furnace & wind box explosion.
- Aligning Boiler water tube panels.
- Heat Exchangers maintenance.
- Reciprocating & screw compressor maintenance.
- Forced draft fan maintenance.
- Ljungström Air Pre-heater maintenance.
- Ljungström sealing adjustment.
- Multistage centrifugal, screw & gear pumps maintenance.
- Repair leakage from daily fuel storage tank.
- Vibration measurements.
- Turbo Machinery and rotating equipment.
- Oil and gas field.
- Work at 220, 66KV switchyard & 6KV, 380 substations.