

Holds a B. Sc. in Mechanical Engineering and has about 38 years hands-on experience working in construction, maintenance, operation and commissioning and became a Project Manager.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 20/10/1957
Gender : Male
Residence : Cairo

EDUCATION

: B. Sc. in Mechanical Engineering, Assiut University, 1981
: Pre-Master in Power Station, Cairo University, 1988

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Advanced non-destructive testing using Ultrasonics & x-ray course in the American University in Cairo (1987).
- : Agecroft training center for power stations in England for boiler maintenance and operation for 6 months (1988).
- : Petroleum Pipelines (Design, construction, maintenance, cathodic protection and commissioning) training course in association of Mechanical Engineers, Egypt (1992).
- : The advanced training program of Steam Generator and Auxiliaries in B&H in Japan for one month (1993).
- : Boiler and mechanical maintenance in MHI Japan in Saudi Arabia for one month (1995).
- : Course for HRSG commissioning operation and maintenance in NEM Company in Netherlands (2004).
- : The advanced training program of Steam Generator and Auxiliaries in B&H in Japan for one month (2009).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Nov. 2018 till Jan. 2019
Employer : [EGYPTROL](#), AC Boilers Subcontractor
Project : Zouk Power Plant
Job title : Commissioning Supervisor

Dates : From 2010 till 2017
Employer : Cairo Electricity Production Company (CEPC)
Project : Giza North Project - Combined Cycle 2250MW (3 Modules x 750MW)
Job title : Project Manager
Job Description : Constructions and Commissioning till commercial operation.

Dates : From 2008 till 2010
Employer : Cairo Electricity Production Company (CEPC)
Project : Cairo West Project (2 steam boiler x 350MW) Hitachi Boilers
Job title : Mechanical Construction Manager
Job Description : Constructions and Commissioning till commercial operation.

Dates : From 2005 till 2008
Employer : Cairo Electricity Production Company (CEPC)
Project : El-Tebbin Project (2 steam units x 350MW) Ansaldo Boilers
Job title : Mechanical Construction Manager
Job Description : Studies, contract preparing and constructions.

Dates : From 2001 till 2005
Employer : Cairo Electricity Production Company (CEPC)
Project : Cairo West Power Station
Job title : Boiler Maintenance Engineer
Job Description :

- Major & minor inspections of:
 - Super heaters: Check the heat transfer areas – fixed bearing and spacer.
 - Drum: Check cyclone – Chemical injection lines – Continuous blow down line ...etc.
 - FD fan and GR fans: Bearing – Visual inspection – Lubrication system – Cooling line – Inlet and Outlet damper – Control damper and adjust with signal 0-0% and 100-100%.
 - Air preheater: Check the basket and change if needed – Adjust the sector plate and change the seals if needed - Check the motor and gear box – Check the inlet and outlet damper - Repair all Air side and Gas side of expansion joint then change if required.
 - Burners: Check the Nozel and change if required – Check the burner circuit inside boiler, diffuser and insulation.
 - Fuel-oil system: Check the oil pumps and valves.
 - Gas-fuel system: Check the shut off valves and control valves – Adjust open, close with signal.

- Hydrotest pressure (Design pressure).
- Then commissioning and operate.

Dates : From 1994 till 2001
Employer : Electricity of western region – Saudi Arabia
Project : Rabigh Power Plant
Job title : Mechanical Maintenance & Commissioning Engineer for 6 steam Mitsubishi boilers
Job Description : Major inspection (Drums, ID, FD & GR Fans, burners, air preheater, electrostatic precipitator and superheaters as MHI manual).

Dates : From 1990 till 1994
Employer : Cairo Electricity Production Company (CEPC)
Project : Cairo West Project steam unit (2x330MW)
Job title : Mechanical Construction Engineer
Job Description : Construction, chemical cleaning, steam blowing, commissioning till commercial operation.

Dates : From 1986 till 1990
Employer : Cairo Electricity Production Company (CEPC)
Project : Cairo West Power Station - prehabilitation for 4 Babcock-Wilcox boilers
Job title : Mechanical Maintenance Engineer
Job Description :

- Front wall: Replace front wall (including burner circuit).
- Burners: Replacement to low NO_x burner.
- Super heaters: Change secondary super heater – Change partially reheat super heater.
- Fans: Replace F.D fans to increase positive head – Repair GR fan (bearing, lubrication system, inlet and outlet damper).
- Soot blower: increase 2 soot blowers in secondary super heater – Check the lance tube – feed tube – popet valve – Motors – Sealing air.
- Air preheater: Change sector plate, Seals, baskets – Check soot blower system.
- Hydrotest (Design press).
- Then chemical cleaning and steam blowing, commissioning till commercial operation

Dates : From 1982 till 1986
Employer : Cairo Electricity Production Company (CEPC)
Project : Cairo West Power Station
Job title : Shift Charge Engineer