

Holds a B. Sc. in Mechanical Engineering and has over twenty years experience in the Power Industry with a strong emphasis in both solid and liquid fuel power facilities, engineering, commissioning, binary controls, testing and operations. Has extensive experience as a Field Engineer working on Electrical Power Generating Facilities with vast Operating and Commissioning experience at various projects throughout Egypt and the Middle East. In addition he has experience as a Maintenance Planner and Lead Maintenance Engineer. His duties have included engineering re-design, specification adherence, equipment installation direction, documentation approval and coordination, pre-commissioning checkout, equipment start-up, system start-up, equipment testing, overall plant performance testing and client interface and acceptance duties.

PERSONAL DATA

Nationality : Egyptian

EDUCATION

: B. Sc. in Mechanical Engineering, Menofia University, 1985

LANGUAGES

Arabic : Native Language

English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2009 till now

Employer : Alstom Power Inc.

Project : Shoaiba Project Site Stage # 3 – KSA:
Project includes three oil fired 1,225 ton/hr Steam Generators of the Controlled Circulation Design. Firing System is Tilting Tangential.

Job title : Boiler Contract QA Engineer, Senior Expeditor and Service Engineer

Job Description :
• Responsibilities included follow up with on-shore supplier of boiler contract and material.
• Also performed inspection & commissioning for boiler related equipment.

Dates : From Apr. 2005 till Dec. 2008

Employer : Alstom Power Inc.

Project : Shoaiba Project Site Stage # 1 – KSA:
Project includes five oil fired 1,225 ton/hr Steam Generators of the Controlled Circulation Design. Firing System is Tilting Tangential.

Job title : Boiler Contract Close-Out Engineer and Service Engineer

Job Description :

- Responsibilities included troubleshooting and contract adherence for all boiler activities during warranty period; tuning and operational improvements.
- Also performed inspection for all boiler related equipment – both before and after warranty period – these included boiler valves, fans and fan bearings, lube oil skid including pumps and air heater.

Dates : From Aug. 2004 till Feb. 2005

Employer : Aresco Asec Corp.

Project : Egyptian Liquefied Natural Gas – Idku TRAIN 2

Job title : Lead Mechanical Engineer

Job Description :

- Responsible for preparation of all test package documentation (select boundary and test pressure).
- Hydraulic and Pneumatic testing, flushing and air plowing for all train 2 pipe work.

Dates : From 2003 till 2004

Employer : Enel Power Company

Project : Ras Laffan – QATAR (Combined Cycle):
4 HRSG design and supplied by Doosn 2 steam turbine designs and supplied by Franco Tosi. Project design included 2 blocks arranged in a 2x2x1 configuration utilizing 3 BTG steam-reducing stations per block.

Job title : Commissioning Lead Engineer

Job Description :

- Primary responsibilities were for start-up and commissioning of all unit auxiliary equipment.
- Additional duties included the safe operational practices for all activities in the power plant.

Dates : From 2002 till 2003

Employer : Foster Wheeler Company

Project : EDF Suez Gulf and Port Said (1,050 ton / hr Facility)

Job title : Lead Mechanical Engineer

Job Description :

- Responsible for all boiler commissioning activities and procedural writing including burner adjustments, fans, lubrication pumps, hydraulic units, boiler first fire, pipe flushing & hydro tests, steam blow for piping. Project utilized a radiant boiler design with dual fuel (gas/oil) firing.
- Also performed post-commissioning inspection for all boiler equipment before and after reliability test (boiler valves, fans, fan bearings, lube oil skid including pumps, valves and air heater).

Dates : From 2000 till 2002

Employer : Bechtel Overseas Corporation

Project : Sidi Krir Boot #1:
The plant is comprised of 2x360MW condensing turbine generating units and two dual fuel boilers.

Job title : Lead Engineer, Start-up Project Engineer

Job Description :

- Responsibilities included preparation and coordination of plant operation activities.
- Supervised the tagging system, approved SWA (Start-up Work Authorization), safety and hot work permits.
- Coordination of the function and performance tests for each equipment in the plant. Coordinated boiler chemical cleaning, boiler first fire, pipe flushing, hydro tests, steam blow for piping, turbine rolling & synchronization, electrical test for generator, unit reliability run, units performance tests, unit heat rate tests, unit runback tests, unit run down & run up tests, unit load rejection tests, no load test and all tests that had took place on boiler and turbine.
- Additional activities included coordination with vendor's technical representatives at site or over phone/E-mail to resolve and/or troubleshoot the problems, which show up during commissioning and operation phases. Coordinate and participate in the startup-client system walk downs and system punch list process. Interfaced with client and startup to identify and resolve punch list issues.

Dates : From 1997 till 2000

Employer : Babcock & Wilcox Company

Project : Sidi Krir 1 & 2 (1050 ton / hr) and El-Kureimat (2150 ton / hr):
Project utilized an El Paso radiant boiler design with dual fuel (gas/oil) firing.

Job title : Boiler Commissioning Engineer

Job Description :

- Responsibilities included the direct supervision of the EEA (Egyptian Electric Authority) operations staff in safe boiler practices and procedures.
- Assisted the Performance Engineer during boiler performance tuning and testing.

Dates : From 1996 till 1997

Employer : Egyptian Electric Authority

Project : Damanhour Thermal Power Station (1x325MW)

Job title : Turbine Maintenance Engineer

Job Description : Fully responsible for turbine rehabilitation (Ansaldo Turbine) which included dismantling and re-installation of primary turbine components. Included main stop and control valves, turbine bearing, upper casing, and turbine rotor.

Dates : From 1989 till 1996

Employer : Egyptian Electric Authority

Project : Damanhour Thermal Power Station (1x325MW)

Job title : Commissioning Engineer

Job Description :

- Responsible for start-up and commissioning of all unit auxiliary equipment.
- Additional duties included the safe operational practices for all activities in the power plant.

Dates : From 1986 till 1988

Employer : Ministry of Military

Project : Military Service

Job title : Lieutenant
Job Description : Responsible for maintaining air/ground equipment for air force branch including emergency diesel generators.