

Holds a B. Sc. in Mechanical Engineering and has about 12 years hands-on experience, including 8 years working in operation, commissioning and start-up at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 29/01/1978
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

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

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

- : STEAM TURBINE, GENERATOR - O&M (ANSALDO TRAINING SCHOOL) (May/Jun. 2010).
- : SIDI KRIR Power Station 750MW Combined Cycle Project (2x250MW MITSUBISHI 701F and Auxiliaries) (Mitsubishi Heavy Industries Ltd) (Apr./May 2009).
- : Summer trainings at:
 - El Seuof Power Station
 - Transmission and Engineering Co.
 - Masr Petroleum Co.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2014 till now
Employer : West Delta Electrical Production Co. (WDEPC)
Project : Sidi Krir 750MW Combined Power Station

Job title : Shift Charge Engineer
Job Description :

- Coordinate production start-ups, shutdowns and changeovers.
- Assure safe, fast and efficient resolution of problems to return systems and equipment to ready-to-run condition; encourages reasoned and reasonable risk-taking.
- Operation within standard operating procedures and Job Safety Analysis.
- Supervise subordinates in accordance with plant policies and procedures.
- Arrange with maintenance on-call team to perform urgent repair after normal operating hours.
- Manage staff to resolve complex or out of policy operation problems.
- Serve as a coach and mentor to team members and motivates team members to work effectively, productively, and with minimum supervision in a team environment.
- Develop effective training/education plans for team members to meet changing expectations of a competitive environment.
- Coordinate department activities and special projects to ensure quality and meet timetables.
- Coordinate with Human Resources for appropriate staffing levels.

Dates : From May 2014 till Aug. 2014
Employer : [EGYPTROL](#), SAMSUNG C&T Subcontractor
Project : Qurayyah Independent Power Project, Kingdom of Saudi Arabia (KSA)
Job title : HRSGs Commissioning & Process Engineer
Job Description :

- Carry out cold commissioning and hot commissioning for twelve HRSGs.
- Checking the completing of erection works and make component check list as per P&IDs.
- Supporting and follow all pre-commissioning activities as hydro tests and chemical cleaning procedures.
- Restoration all valves / components after chemical cleaning and RFI accept / reject according to magnetic film inside drums.
- Carry out walk down with all disciplines officially and make punch items to release commissioning to start.
- HRSGs line up and initial filling and initial firing.
- Carry out steam blowing for all steam lines.
- Carry out boiler Pumps and motors solo run and heat runs tests.
- Hanger supports cold setting adjusting and hot setting checking during boiler.
- 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.
- Trouble shooting supporting and maintenance program making as per vendor.
- Carry out performance tests.

Dates : From Jan. 2011 till Mar. 2014
Employer : West Delta Electrical Production Co. (WDEPC)

Project : Sidi Krir 750MW Combined Power Station
(2 x 2 Mitsubishi Gas Turbines, 3 x Atlas Copco Gas Compressors, 2 x 2 NEM Heat Recovery Steam Generator, 1 x Ansaldo Energia Steam Turbine, Toshiba main contractor for Auxiliaries, Yokogawa DCS System & Schneider Switchgear)

Job title : Shift Charge Engineer

Job Description :

- Coordinate production start-ups, shutdowns and changeovers.
- Assure safe, fast and efficient resolution of problems to return systems and equipment to ready-to-run condition; encourages reasoned and reasonable risk-taking.
- Operation within standard operating procedures and Job Safety Analysis.
- Supervise subordinates in accordance with plant policies and procedures.
- Arrange with maintenance on-call team to perform urgent repair after normal operating hours.
- Manage staff to resolve complex or out of policy operation problems.
- Serve as a coach and mentor to team members and motivates team members to work effectively, productively, and with minimum supervision in a team environment.
- Develop effective training/education plans for team members to meet changing expectations of a competitive environment.
- Coordinate department activities and special projects to ensure quality and meet timetables.
- Coordinate with Human Resources for appropriate staffing levels.

Dates : From Jan. 2009 till Jan. 2011

Employer : West Delta Electrical Production Co. (WDEPC)

Project : Sidi Krir 750MW Combined Power Station

Job title : Mechanical Commissioning & Start-up Engineer

Job Description :

- Following and supervising installation, pre-commissioning and commissioning tests of 3 Atlas Copco Gas Compressors including: trial tests and runs, Surge Region Setups for each compressor and Compatibility with Gas turbine demands and abnormalities.
- Following and supervising installation, pre-commissioning and commissioning tests of 2 Mitsubishi's 701F Gas turbines, Power Generators and it's auxiliaries including: trial tests, simulation and interlock tests, trial run ups, load rejection tests, load runback tests, trip tests and house load test and that's for Gas and Oil Firing.
- Following and supervising installation, pre-commissioning and commissioning tests of 2 NEM's Heat Recovery Steam Generators including doing steam blowing of main steam lines.
- Following and supervising installation, pre-commissioning and commissioning tests of Ansaldo Energia's Steam Turbine, Power Generator, Steam Condenser and Steam Bypasses and it's auxiliaries including: trial run up, online and offline tests, simulation tests, load rejection tests, load runback tests and trip tests.
- Following and supervising installation, flushing, pre-commissioning and commissioning tests of main plant auxiliaries systems: Service water system, Circulating water system, Vacuum System, Condensate System, Closed Cooling System, Compressed Air System, Service Gas System,

Fuel Oil System and filling System.

- Worked as a Process Engineer in reviewing and modification of plant logic with instrumentation and control department to achieve maximum compatibility of plant logic.
- Reporting any new activities on site, following commissioning tests, coordinating with several contractors to achieve minimum time with maximum progress step by step with project consultant (PGESCo.).

Dates : From Mar. 2008 till Dec. 2008
Employer : El-Safwa Car Service Center (Daewoo - Mitsubishi - Speranza Agent)
Job title : Mechanical Maintenance Engineer
Job Description : Maintenance – Reception and Warranty Engineer.

Dates : From Oct. 2005 till Mar. 2008
Employer : Prefabricated Buildings Industry in Armed Forces
Job title : Mechanical Maintenance & Operation Engineer