

Holds a B. Sc. in Mechanical Power Engineering and has more than 7 years hands-on experience in maintenance & commissioning activities in steam and gas power plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 08/03/1979
Marital Status : Married

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2001
: Currently working on Post Graduate Diploma in Thermal Power Stations

LANGUAGES

Arabic : Native Language
English : Very Good
French : Fair

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet
: MS Project
: Primavera

TRAINING COURSES AND CERTIFICATIONS

: Off-Shore Training Operation and maintenance of steam turbine, Generator, Condenser & Aux. at ANSALDO Energia training school, Genua – Italy.
: On-Shore Training at Abu Qir Training Center, Ministry of Electricity Energy.
: Operation and maintenance of steam power plants.
: Vibrations and balancing of rotating machines.
: Commissioning and performance analysis of steam power plant projects.
: Abnormal operation of steam power plants.
: On Site Training at Sidi Krir "Oil Free Rotary Screw Air Compressors" by Comp Air Korea Ltd.
: Maintenance of Vertical and Horizontal Pumps by CW-HYDRO INC. at Sidi Krir New Module 750MW Combined Cycle Site, BOP Training, Alexandria.
: Level "F" (Intermediate) in English Language program.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Mar. 2007 till now
- Employer** : West Delta Electricity Production Company (WDEPC)
- Project** : Sidi Krir 750MW Combined Cycle Power Plant (2 CTG 701F from MHI, 2 HRSG's from NEM and 1 STG from ANSALDO Energia)
- Job title** : Installation & Commissioning Engineer
- Job Description** :
- Total coordination from starting of fabrication until mechanical handover to pre-commissioning of piping work.
 - Provide company representation in monitoring and coordinating the site activities of contractor and its sub-contractors. Responsible for daily monitoring and inspection of contractor's pipe fabrication operations from receiving materials (MRR) to pipe installation.
 - Preparation of test packages per system & sub-system, detail coordination in punch list activities with details loop checking.
 - Follow up of Hydro, Pneumatic and Leak test activities.
 - Attending the daily and weekly progress review meeting with consultant, contactors, subcontractor, general construction manager, area superintendent, site manager and project directors etc., update them with the current site status and reports.
 - Coordination between the office and site activities with detailed reporting.
 - Ensure piping work carried out in accordance with company rules, regulations and standards and permit to work procedures chemical cleaning of piping systems including oil flushing, acid cleaning, rinsing, passivation / neutralization. Review work and inspection results to ensure compliance with contract requirements.
 - Preparation of As-built reports and final documentation.
 - Provide assistance and direction in the mechanical completion, pre-commissioning and start-up activities of the plant working with all parties to facilitate these activities.
 - Preparation of non availability of material list for the completion, Line-check walk down according to Isometric, IFC (Issued For Construction) drawings and P&ID.
 - Develop and implement reliability programmers' for each of the gas turbine worked now.
 - Attending and supervising with operators the following tasks:
 - Steam dumping or steam blow.
 - 1st steam by-pass operation.
 - Run-up of steam turbine.
 - Base load adjustments.
 - Plant / equipment transient testing (start-up, shut down, load variations).
 - Dynamic testing (load rejections, equipment trips, stand-by equipment).
 - Performance Test & Reliability Run.
- Dates** : From Jul. 2003 till Mar. 2007
- Employer** : West Delta for Electricity Production Company (WDEPC)
- Project** : Abu Qir Power Station
- Job title** : Maintenance Engineer

- Job Description** :
- Execute maintenance schedules according to maintenance plan (Preventative & Predictive Maintenance) by MS Project or Primavera.
 - Manage, supervising breakdowns, overhauling for steam turbines (ALSTOM 4x150MW & 1x320MW).
 - Manage, supervising maintenance for Gas Turbine (1x25MW GE Frame V).
 - Order plant spares and set track stock level so as to avoid shortage of spares during major overhaul of the plant for increased plant availability.
 - Supervise, delegate and assist work for service/maintenance crew.
 - Daily visual inspections for all equipments.
 - Daily control fuel quality a proper working of fuel system, pumps separators and flow meters.
 - Troubleshooting, fault find and repair.
 - Control stock of consumables and oil, spare parts and tools.
 - Communicate intensively regarding progress and technical issues with engineers and specialists at home office.