

Holds a B. Sc. in Mechanical Power Engineering and has over 6 years hands-on experience, including 5 years working in steam turbine operation of Power Stations.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 06/08/1984
Gender : Male
Marital Status : Single
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Power Engineering, Mansoura University, 2006

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: C Programming Language

TRAINING COURSES AND CERTIFICATIONS

: Steam Power Plant operation in Abu Qir Power Station Training Center.
: Distributed Control Systems (DCS) in Abu Qir Power Station Training Center.
: Generator protection in Abu Qir Power Station Training Center.
: 300MW Steam Turbine Control System upgrade ALSPA system step 6 by Alstom Power, training in Power Automation & Control Dept., ALSTOM, Massy – FRANCE.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2013 till now
Employer : Dubai Electricity and Water Authority (DEWA)
Project : Jabel Ali Power Station Complex in Plant 1, D Station
Job title : Operation Engineer

Job Description : Site Operation Engineer in Water Desalination Plant, Water Demineralization Plant, Circulating Cooling Water Plant and Steam Turbines Power Stations.

Dates : From Dec. 2008 till Jul. 2013

Project : Abu Qir Power Station

Job title : Steam Turbine Power Unit Operation Engineer

Job Description :

- Operation and monitoring of 150MW steam turbines generator power unit fossil fuel fired applications with DCS and GE Mark VI steam turbine speed governor.
- Start-up, shut down procedures, firing fuel conversion, monitoring and events trend.
- Operation problems case history, diagnosing, solutions.
- Hydraulic control systems for steam turbine speed governor.

Dates : From Jan. 2008 till May 2008

Employer : Egyptian International Company for Knitting & Dyeing (Dyetex)

Job title : Maintenance Engineer

Job Description : Erection of dyeing and drying machines with its auxiliaries (pumps, valves, piping and vessels).

Field of experience :

- Excellent knowledge of steam turbines:
 - Thermal cycle analysis.
 - Types and construction.
 - Destructive phenomena like overspeed and vibration.
 - Troubles during start-up and operation troubleshooting.
 - Basics of vibration and bearing analyses.
 - Auxiliaries systems (oil and gas fuel systems, lube oil system, instrument air (pneumatic) system, hydraulic oil system, seal oil system, closed cooling and circulating water open cooling).
- Good knowledge of pumps:
 - Types and construction.
 - Operation basics and troubleshooting.
 - Hydraulic coupling variable speed drivers.
- Using and reading of piping and instrumentation P&ID diagrams, construction drawings of machines and single line diagrams of electrical systems.
- Preparing for start-up and monitoring Alstom steam turbines with interventions for troubles.
- Understanding Functions of Steam Turbine Control Elements and its Commissioning Tests of that certain Turbine which I operate it and trying to understand those types of other manufacturers.
- Intervention troubleshooting of Alstom Steam Turbine and its Auxiliaries at start-up preparations and in normal Operation on the monitor and at Site.